

Tao Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/335143/publications.pdf>

Version: 2024-02-01

396
papers

20,931
citations

9428

76
h-index

18400

124
g-index

406
all docs

406
docs citations

406
times ranked

24379
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation of a new triterpenoid saponin together with six known ones from <i>Clematis tangutica</i> (Maxim.) Korsh and evaluation of their cytotoxic activities. <i>Natural Product Research</i> , 2023, 37, 375-382.	1.0	4
2	Mechanochemical transformation of fluorescent hydrogel based on dynamic lanthanide-terpyridine coordination. <i>Chinese Chemical Letters</i> , 2023, 34, 107290.	4.8	6
3	Interfacial Reinitiation of Free Radicals Enables the Regeneration of Broken Polymeric Hydrogel Actuators. <i>CCS Chemistry</i> , 2023, 5, 704-717.	4.6	14
4	Breathable and superhydrophobic photothermic fabric enables efficient interface energy management via confined heating strategy for sustainable seawater evaporation. <i>Chemical Engineering Journal</i> , 2022, 428, 131142.	6.6	20
5	Biomimetic organohydrogel actuator with high response speed and synergistic fluorescent variation. <i>Chemical Engineering Journal</i> , 2022, 429, 132290.	6.6	32
6	Cephalopod-Inspired Design of Photomechanically Modulated Display Systems for On-Demand Fluorescent Patterning. <i>Advanced Materials</i> , 2022, 34, e2107452.	11.1	44
7	Separation of eight phenolic compounds from the over-ground parts of <i>Aconitum pendulum</i> Busch by repeated injection high-speed counter-current chromatography. <i>Separation Science and Technology</i> , 2022, 57, 1585-1594.	1.3	2
8	Fluorescent Organohydrogel with Thermal-Induced Color Change for Anti-Counterfeiting. <i>Chinese Journal of Chemistry</i> , 2022, 40, 337-342.	2.6	15
9	Separation of five flavone glycosides including two groups with similar polarities from <i>Dracocephalum tanguticum</i> by a combination of three high-speed counter-current chromatography modes. <i>Journal of Separation Science</i> , 2022, 45, 468-476.	1.3	16
10	Stimuli-responsive hydrogel sponge for ultrafast responsive actuator. , 2022, 1, 100002.		26
11	Supramolecular Hydrogel with Orthogonally Responsive R/G/B Fluorophores Enables Multi-Color Switchable Biomimetic Soft Skins. <i>Advanced Functional Materials</i> , 2022, 32, 2108830.	7.8	30
12	Supramolecular Assembly of Shape Memory and Actuating Hydrogels for Programmable Shape Transformation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 3551-3558.	4.0	20
13	Constructing oxidized carbon spheres-based heterogeneous membrane with high surface energy for energy-free water purification. <i>Chemical Engineering Journal</i> , 2022, 431, 134132.	6.6	6
14	Dual-Channel Flexible Strain Sensors Based on Mechanofluorescent and Conductive Hydrogel Laminates. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	32
15	A Logic-Based Diagnostic and Therapeutic Hydrogel with Multistimuli Responsiveness to Orchestrate Diabetic Bone Regeneration. <i>Advanced Materials</i> , 2022, 34, e2108430.	11.1	84
16	Supramolecular topological hydrogels: from material design to applications. <i>Polymer Chemistry</i> , 2022, 13, 1940-1952.	1.9	15
17	Bioinspired Adaptive, Elastic, and Conductive Graphene Structured Thin-Films Achieving High-Efficiency Underwater Detection and Vibration Perception. <i>Nano-Micro Letters</i> , 2022, 14, 62.	14.4	16
18	Column-Coil-Beam Structure House Inspired MXene-Based Integrated Membrane with Stable Interlayer Spacing for Water Purification. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	51

#	ARTICLE	IF	CITATIONS
19	Dynamically Bioresponsive DNA Hydrogel Incorporated with Dual-Functional Stem Cells from Apical Papilla-Derived Exosomes Promotes Diabetic Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16082-16099.	4.0	39
20	Green flexible electronics based on starch. <i>Npj Flexible Electronics</i> , 2022, 6, .	5.1	34
21	Biomass-derived nanostructured coatings based on cellulose nanofibers-melanin hybrids toward solar-enabled multifunctional energy management. <i>Nano Energy</i> , 2022, 97, 107180.	8.2	21
22	Shell inspired heterogeneous membrane with smaller bandgap toward sunlight-activated sustainable water purification. <i>Chemical Engineering Journal</i> , 2022, 440, 135910.	6.6	26
23	Strain-insensitive Self-Powered Tactile Sensor Arrays Based on Intrinsically Stretchable and Patternable Ultrathin Conformal Wrinkled Graphene-Elastomer Composite. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	47
24	Bioinspired Nanostructured Superwetting Thin-Films in a Self-supported form Enabled "Miniature Umbrella" for Weather Monitoring and Water Rescue. <i>Nano-Micro Letters</i> , 2022, 14, 32.	14.4	16
25	Integrating Photorewritable Fluorescent Information in Shape-Memory Organohydrogel Toward Dual Encryption. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	26
26	Biomimetic Skins Enable Strain-Perception-Strengthening Soft Morphing. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	12
27	Coral-like hierarchically nanostructured membrane with high free volume for salt-free solar-enabled water purification. <i>Materials Today Physics</i> , 2022, 25, 100715.	2.9	2
28	Seawater-Boosting Surface-Initiated Atom Transfer Radical Polymerization for Functional Polymer Brush Engineering. <i>ACS Macro Letters</i> , 2022, 11, 693-698.	2.3	8
29	Four-Octyl itaconate ameliorates periodontal destruction via Nrf2-dependent antioxidant system. <i>International Journal of Oral Science</i> , 2022, 14, .	3.6	21
30	Bioinspired Interface-Guided Conformal Janus Membranes with Enhanced Adhesion for Flexible Multifunctional Electronics. <i>Chemistry of Materials</i> , 2022, 34, 5980-5990.	3.2	6
31	Recent Progress in Smart Polymeric Gel-Based Information Storage for Anti-Counterfeiting. <i>Advanced Materials</i> , 2022, 34, .	11.1	122
32	Cable-Driven Continuum Robot Perception Using Skin-Like Hydrogel Sensors. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	34
33	Programmatically Regulating Morphological Evolution of Inert Polymeric Hydrogels Using Anchored Large-Deformable Muscle. <i>Chemistry of Materials</i> , 2022, 34, 6582-6592.	3.2	4
34	Time-Domain-Based Methyl Proton NMR with Absolute Quantitation Ability for Targeted Metabolomics. <i>Analytical Chemistry</i> , 2022, 94, 10062-10073.	3.2	1
35	Integrated dynamic wet spinning of core-sheath hydrogel fibers for optical-to-brain/tissue communications. <i>National Science Review</i> , 2021, 8, nwa209.	4.6	36
36	The R168G heterozygous mutation of tropomyosin 3 (TPM3) was identified in three family members and has manifestations ranging from asymptomatic to severe scoliosis and respiratory complications. <i>Genes and Diseases</i> , 2021, 8, 715-720.	1.5	4

#	ARTICLE	IF	CITATIONS
37	Multifunctional CNTs-PAA/MIL101(Fe)@Pt Composite Membrane for High-throughput Oily Wastewater Remediation. <i>Journal of Hazardous Materials</i> , 2021, 403, 123547.	6.5	35
38	Multi-Field Synergy Manipulating Soft Polymeric Hydrogel Transformers. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000208.	3.3	35
39	Multifunctional superhydrophobic adsorbents by mixed-dimensional particles assembly for polymorphic and highly efficient oil-water separation. <i>Journal of Hazardous Materials</i> , 2021, 407, 124374.	6.5	30
40	Interfacial Fabrication of CNTs/PVDF Bilayer Actuator with Fast Responses to the Light and Organic Solvent Vapor Stimuli. <i>Macromolecular Materials and Engineering</i> , 2021, 306, .	1.7	11
41	Biomimetic underwater self-perceptive actuating soft system based on highly compliant, morphable and conductive sandwiched thin films. <i>Nano Energy</i> , 2021, 81, 105617.	8.2	29
42	A Urease-Containing Fluorescent Hydrogel for Transient Information Storage. <i>Angewandte Chemie</i> , 2021, 133, 3684-3690.	1.6	15
43	A Urease-Containing Fluorescent Hydrogel for Transient Information Storage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3640-3646.	7.2	137
44	Biomimetic anti-freezing polymeric hydrogels: keeping soft-wet materials active in cold environments. <i>Materials Horizons</i> , 2021, 8, 351-369.	6.4	250
45	Multicolor Fluorescent Polymeric Hydrogels. <i>Angewandte Chemie</i> , 2021, 133, 8690-8706.	1.6	12
46	Multicolor Fluorescent Polymeric Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8608-8624.	7.2	163
47	A fully hydrophobic ionogel enables highly efficient wearable underwater sensors and communicators. <i>Materials Horizons</i> , 2021, 8, 2761-2770.	6.4	138
48	Multifunctional Polyhedral Oligomeric Silsesquioxane (POSS) Based Hybrid Porous Materials for CO ₂ Uptake and Iodine Adsorption. <i>Polymers</i> , 2021, 13, 221.	2.0	84
49	Recent progress in the shape deformation of polymeric hydrogels from memory to actuation. <i>Chemical Science</i> , 2021, 12, 6472-6487.	3.7	46
50	Optimizing supramolecular fluorescent materials with responsive multi-color tunability toward soft biomimetic skins. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5130-5141.	3.2	8
51	Heterogeneous structured tough conductive gel fibres for stable and high-performance wearable strain sensors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12265-12275.	5.2	29
52	Synthesis of Janus Au@BCP nanoparticles <i>via</i> UV light-initiated RAFT polymerization-induced self-assembly. <i>Nanoscale Advances</i> , 2021, 3, 347-352.	2.2	9
53	Nature-inspired polymer catalyst for formulating on/off-selective catalytic ability, by virtue of recognition/misrecognition-alterable scaffolds. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 2521-2531.	1.9	2
54	Multicolor Fluorescent Polymeric Actuator with Self-Sustained Oscillation Behavior. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2000781.	1.7	4

#	ARTICLE	IF	CITATIONS
55	Programming Multistate Aggregation-Induced Emissive Polymeric Hydrogel into 3D Structures for On-Demand Information Decryption and Transmission. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000239.	3.3	56
56	Progress in aggregation-induced emission-active fluorescent polymeric hydrogels. <i>Aggregate</i> , 2021, 2, e37.	5.2	71
57	Sphagnum Inspired 3×10^4 Nano/Microspheres with Smaller Bandgap in Heterojunction Membranes for Sunlight-Driven Water Purification. <i>Small</i> , 2021, 17, e2007122.	5.2	43
58	Water Purification: Sphagnum Inspired 3×10^4 Nano/Microspheres with Smaller Bandgap in Heterojunction Membranes for Sunlight-Driven Water Purification (<i>Small</i> 12/2021). <i>Small</i> , 2021, 17, 2170054.	5.2	1
59	Ligament-Inspired Tough and Anisotropic Fibrous Gel Belt with Programed Shape Deformations <i>via</i> Dynamic Stretching. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19291-19300.	4.0	22
60	A panther chameleon skin-inspired core@shell supramolecular hydrogel with spatially organized multi-luminogens enables programmable color change. <i>Cell Reports Physical Science</i> , 2021, 2, 100417.	2.8	22
61	Promotion of Color-Changing Luminescent Hydrogels from Thermo to Electrical Responsiveness toward Biomimetic Skin Applications. <i>ACS Nano</i> , 2021, 15, 10415-10427.	7.3	64
62	Ridge preservation applying a novel hydrogel for early angiogenesis and osteogenesis evaluation: an experimental study in canine. <i>Journal of Biological Engineering</i> , 2021, 15, 19.	2.0	10
63	Self-healing Polymeric Hydrogels: Toward Multifunctional Soft Smart Materials. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021, 39, 1262-1280.	2.0	15
64	Mechanically robust, solar-driven, and degradable lignin-based polyurethane adsorbent for efficient crude oil spill remediation. <i>Chemical Engineering Journal</i> , 2021, 415, 128956.	6.6	83
65	Asymmetric bilayer CNTs-elastomer/hydrogel composite as soft actuators with sensing performance. <i>Chemical Engineering Journal</i> , 2021, 415, 128988.	6.6	61
66	Bionic Adaptive Thin Membranes Sensory System Based on Microspring Effect for High-Sensitive Airflow Perception and Noncontact Manipulation. <i>Advanced Functional Materials</i> , 2021, 31, 2105323.	7.8	21
67	Recent Progress in Superhydrophilic Carbon-Based Composite Membranes for Oil/Water Emulsion Separation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 36679-36696.	4.0	70
68	Aggregation-Induced Emissive Carbon Dots Gels for Octopus-Inspired Shape/Color Synergistically Adjustable Actuators. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21890-21898.	7.2	80
69	Aggregation-Induced Emissive Carbon Dots Gels for Octopus-Inspired Shape/Color Synergistically Adjustable Actuators. <i>Angewandte Chemie</i> , 2021, 133, 22061-22069.	1.6	3
70	High-temperature pyrolysis modeling of a thermally thick biomass particle based on an MD-derived tar cracking model. <i>Chemical Engineering Journal</i> , 2021, 417, 127923.	6.6	18
71	Efficient One-Step Separation of Five Flavonoids from the Crude Extract of the Waste Pomace of Sea Buckthorn Berries through Counter-Current Chromatography. <i>Journal of Chromatographic Science</i> , 2021, , .	0.7	0
72	Engineering Janus CNTs/OCS composite membrane at air/water interface for excellent dye molecules screening. <i>Chemical Engineering Journal</i> , 2021, 417, 127947.	6.6	10

#	ARTICLE	IF	CITATIONS
73	The applicability of pH-zone-refining counter-current chromatography for preparative separation of biosynthesis products: Glycosylation products as example. <i>Journal of Chromatography A</i> , 2021, 1657, 462582.	1.8	5
74	Recent Progress in Bionic Skin Based on Conductive Polymer Gels. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100480.	2.0	29
75	Heterogeneous Fluorescent Organohydrogel Enables Dynamic Anti-Counterfeiting. <i>Advanced Functional Materials</i> , 2021, 31, 2108365.	7.8	114
76	A reactor-scale CFD model of soot formation during high-temperature pyrolysis and gasification of biomass. <i>Fuel</i> , 2021, 303, 121240.	3.4	9
77	Tension-compression asymmetry of the stress-strain behavior of the stacked graphene assembly: Experimental measurement and theoretical interpretation. <i>Journal of the Mechanics and Physics of Solids</i> , 2021, 157, 104642.	2.3	2
78	HSCCC Separation of Three Main Compounds from the Crude Extract of <i>Dracocephalum Tanguticum</i> by Using Dimethyl Sulfoxide as Cosolvent. <i>Journal of Chromatographic Science</i> , 2021, 59, 175-181.	0.7	5
79	Atmospheric Hygroscopic Ionogels with Dynamically Stable Cooling Interfaces Enable a Durable Thermoelectric Performance Enhancement. <i>Advanced Materials</i> , 2021, 33, e2103937.	11.1	43
80	The applicability of high-speed counter-current chromatography for preparative separation of biosynthesis products: Glycosylation products as example. <i>Journal of Separation Science</i> , 2021, 44, 4368-4375.	1.3	5
81	Ultrastable porous organic/inorganic polymers based on polyhedral oligomeric silsesquioxane (POSS) hybrids exhibiting high performance for thermal property and energy storage. <i>Microporous and Mesoporous Materials</i> , 2021, 328, 111505.	2.2	45
82	Anti-freezing organohydrogel triboelectric nanogenerator toward highly efficient and flexible human-machine interaction at $\sim 30^{\circ}\text{C}$. <i>Nano Energy</i> , 2021, 90, 106614.	8.2	74
83	Supramolecular fabrication of hyperbranched polyethyleneimine toward nanofiltration membrane for efficient wastewater purification. <i>SusMat</i> , 2021, 1, 558-568.	7.8	8
84	Instant interfacial self-assembly for homogeneous nanoparticle monolayer enabled conformal lift-on-thin film technology. <i>Science Advances</i> , 2021, 7, eabk2852.	4.7	59
85	Free-Standing 2D Janus Gold Nanoparticles Monolayer Film with Tunable Bifacial Morphologies via the Asymmetric Growth at Air-Liquid Interface. <i>Langmuir</i> , 2020, 36, 250-256.	1.6	21
86	Reactive spinning to achieve nanocomposite gel fibers: from monomer to fiber dynamically with enhanced anisotropy. <i>Materials Horizons</i> , 2020, 7, 811-819.	6.4	29
87	Conductive Self-Healing Nanocomposite Hydrogel Skin Sensors with Antifreezing and Thermoresponsive Properties. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 3068-3079.	4.0	140
88	Photoresponsive Azobenzene Materials Based on Pyridine-Functionalized Benzoxazines as Surface Relief Gratings. <i>ACS Applied Polymer Materials</i> , 2020, 2, 791-804.	2.0	17
89	Collective behaviors mediated multifunctional black sand aggregate towards environmentally adaptive solar-to-thermal purified water harvesting. <i>Nano Energy</i> , 2020, 68, 104311.	8.2	81
90	Exploring interface confined water flow and evaporation enables solar-thermal-electro integration towards clean water and electricity harvest via asymmetric functionalization strategy. <i>Nano Energy</i> , 2020, 68, 104385.	8.2	113

#	ARTICLE	IF	CITATIONS
91	CNTs/TiO ₂ composite membrane with adaptable wettability for on-demand oil/water separation. <i>Journal of Cleaner Production</i> , 2020, 275, 124011.	4.6	40
92	Mechanochromic double network hydrogels as a compression stress sensor. <i>Polymer Chemistry</i> , 2020, 11, 6423-6428.	1.9	31
93	Tough Gel-Fibers as Strain Sensors Based on Strain-Induced Optics Conversion Induced by Anisotropic Structural Evolution. <i>Chemistry of Materials</i> , 2020, 32, 9675-9687.	3.2	24
94	Tillandsia-Inspired Hygroscopic Photothermal Organogels for Efficient Atmospheric Water Harvesting. <i>Angewandte Chemie</i> , 2020, 132, 19399-19408.	1.6	10
95	Tillandsia-Inspired Hygroscopic Photothermal Organogels for Efficient Atmospheric Water Harvesting. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19237-19246.	7.2	112
96	Interfacial self-assembled GR/GO ultrathin membranes on a large scale for molecular sieving. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18735-18744.	5.2	17
97	Triboelectric nanogenerator sensors for soft robotics aiming at digital twin applications. <i>Nature Communications</i> , 2020, 11, 5381.	5.8	363
98	Separation of five flavonoids with similar polarity from <i>Caragana korshinskii</i> Kom. by preparative high speed counter-current chromatography with recycling and heart cut mode. <i>Journal of Separation Science</i> , 2020, 43, 3748-3755.	1.3	12
99	Asymmetric elastoplasticity of stacked graphene assembly actualizes programmable untethered soft robotics. <i>Nature Communications</i> , 2020, 11, 4359.	5.8	110
100	Preparations of Tough and Conductive PAMPS/PAA Double Network Hydrogels Containing Cellulose Nanofibers and Polypyrroles. <i>Polymers</i> , 2020, 12, 2835.	2.0	18
101	CFD-DEM Simulation of Biomass Pyrolysis in Fluidized-Bed Reactor with a Multistep Kinetic Scheme. <i>Energies</i> , 2020, 13, 5358.	1.6	15
102	Heteroporous bifluorenylidene-based covalent organic frameworks displaying exceptional dye adsorption behavior and high energy storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25148-25155.	5.2	66
103	Bioinspired Self-Healing Human-Machine Interactive Touch Pad with Pressure-Sensitive Adhesiveness on Targeted Substrates. <i>Advanced Materials</i> , 2020, 32, e2004290.	11.1	210
104	Actuating Supramolecular Shape Memorized Hydrogel Toward Programmable Shape Deformation. <i>Small</i> , 2020, 16, e2005461.	5.2	68
105	Naphthalimide-Based Aggregation-Induced Emissive Polymeric Hydrogels for Fluorescent Pattern Switch and Biomimetic Actuators. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000123.	2.0	37
106	High-Molecular-Weight PLA-b-PEO-b-PLA Triblock Copolymer Templated Large Mesoporous Carbons for Supercapacitors and CO ₂ Capture. <i>Polymers</i> , 2020, 12, 1193.	2.0	20
107	Macroscopic Orientational Gold Nanorods Monolayer Film with Excellent Photothermal Anticounterfeiting Performance. <i>Advanced Optical Materials</i> , 2020, 8, 1902082.	3.6	33
108	Main Chain-Type Block Copolymers through Atom Transfer Radical Polymerization from Double-Decker-Shaped Polyhedral Oligomeric Silsesquioxane Hybrids. <i>Polymers</i> , 2020, 12, 465.	2.0	13

#	ARTICLE	IF	CITATIONS
109	Converting Pomelo Peel into Eco-friendly and Low-Consumption Photothermic Biomass Sponge toward Multifunctional Solar-to-Heat Conversion. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5328-5337.	3.2	79
110	Macroscopic two-dimensional monolayer films of gold nanoparticles: fabrication strategies, surface engineering and functional applications. <i>Nanoscale</i> , 2020, 12, 7433-7460.	2.8	47
111	Ionic Strength and Thermal Dual-Responsive Bilayer Hollow Spherical Hydrogel Actuator. <i>Macromolecular Rapid Communications</i> , 2020, 41, e1900543.	2.0	29
112	Macroscopic Au@PANI Core/Shell Nanoparticle Superlattice Monolayer Film with Dual-Responsive Plasmonic Switches. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 11296-11304.	4.0	33
113	Pyrolysis Simulation of Thermally Thick Biomass Particles Based on a Multistep Kinetic Scheme. <i>Energy & Fuels</i> , 2020, 34, 1940-1957.	2.5	13
114	Gelatin Nanoparticle-Injectable Platelet-Rich Fibrin Double Network Hydrogels with Local Adaptability and Bioactivity for Enhanced Osteogenesis. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901469.	3.9	60
115	Recent advances of wearable and flexible piezoresistivity pressure sensor devices and its future prospects. <i>Journal of Materiomics</i> , 2020, 6, 86-101.	2.8	102
116	Comparison of in-situ bone ring technique and tent-pole technique for horizontally deficient alveolar ridge in the anterior maxilla. <i>Clinical Implant Dentistry and Related Research</i> , 2020, 22, 167-176.	1.6	4
117	Nitrogen-Doped microporous carbons derived from azobenzene and nitrile-functionalized polybenzoxazines for CO ₂ uptake. <i>Materials Today Communications</i> , 2020, 24, 101111.	0.9	23
118	Efficient separation of five flavonoids from <i>Oxytropis falcata bunge</i> by high-speed counter-current chromatography and their anticancer activity. <i>Acta Chromatographica</i> , 2020, 32, 189-193.	0.7	5
119	An effective method based on medium-pressure liquid chromatography and recycling high-speed counter-current chromatography for enrichment and separation of three minor components with similar polarity from <i>Dracocephalum tanguticum</i> . <i>Journal of Separation Science</i> , 2019, 42, 684-690.	1.3	10
120	A scalable, low-cost and robust photo-thermal fabric with tunable and programmable 2D/3D structures towards environmentally adaptable liquid/solid-medium water extraction. <i>Nano Energy</i> , 2019, 65, 104002.	8.2	115
121	Aggregation-Caused Quenching-Type Naphthalimide Fluorophores Grafted and Ionized in a 3D Polymeric Hydrogel Network for Highly Fluorescent and Locally Tunable Emission. <i>ACS Macro Letters</i> , 2019, 8, 937-942.	2.3	63
122	Surface-Initiated Initiators for Continuous Activator Regeneration (SI ICAR) ATRP of MMA from 2,2,6,6-tetramethylpiperidine-1-oxyl (TEMPO) Oxidized Cellulose Nanofibers for the Preparations of PMMA Nanocomposites. <i>Polymers</i> , 2019, 11, 1631.	2.0	21
123	3D Fluorescent Hydrogel Origami for Multistage Data Security Protection. <i>Advanced Functional Materials</i> , 2019, 29, 1905514.	7.8	145
124	Mechanistic Investigation of Au(III)-Catalyzed Cycloisomerizations of <i>N</i> -Propargylcarboxamides. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6822-6829.	1.2	3
125	Bioinspired Synergistic Fluorescence-Color-Switchable Polymeric Hydrogel Actuators. <i>Angewandte Chemie</i> , 2019, 131, 16389-16397.	1.6	42
126	Spontaneous Growth of 3D Silver Mesoflowers on Poly(4-vinylpyridine) Brushes-Grafted Graphene Oxide Films and Facile Creation of Nanoporosities over their Surface. <i>Chemistry - A European Journal</i> , 2019, 25, 16377-16381.	1.7	7

#	ARTICLE	IF	CITATIONS
127	Bioinspired Synergistic Fluorescence-Color-Switchable Polymeric Hydrogel Actuators. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16243-16251.	7.2	212
128	Programmable Interface Asymmetric Integration of Carbon Nanotubes and Gold Nanoparticles toward Flexible, Configurable, and Surface-Enhanced Raman Scattering Active All-Optical Solar-Driven Evaporators. <i>Energy Technology</i> , 2019, 7, 1900787.	1.8	11
129	Combined chromatographic strategy based on macroporous resin, high-speed counter-current chromatography and preparative HPLC for systematic separation of seven antioxidants from the fruit of <i>Terminalia billericia</i> . <i>Journal of Separation Science</i> , 2019, 42, 3191-3199.	1.3	8
130	Biofriendly and Regenerable Emotional Monitor from Interfacial Ultrathin 2D PDA/AuNPs Cross-linking Films. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36259-36269.	4.0	24
131	Entanglement-Driven Adhesion, Self-Healing, and High Stretchability of Double-Network PEG-Based Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36458-36468.	4.0	67
132	Fluorescent microsphere probe for rapid qualitative and quantitative detection of trypsin activity. <i>Nanoscale Advances</i> , 2019, 1, 162-167.	2.2	9
133	Trends in polymeric shape memory hydrogels and hydrogel actuators. <i>Polymer Chemistry</i> , 2019, 10, 1036-1055.	1.9	172
134	Ionoprinting controlled information storage of fluorescent hydrogel for hierarchical and multi-dimensional decryption. <i>Science China Materials</i> , 2019, 62, 831-839.	3.5	51
135	Strontium Ranelate Incorporated Enzyme-Cross-Linked Gelatin Nanoparticle/Silk Fibroin Aerogel for Osteogenesis in OVX-Induced Osteoporosis. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1440-1451.	2.6	28
136	Super Hydrophilic Semi-IPN Fluorescent Poly(N-(2-hydroxyethyl)acrylamide) Hydrogel for Ultrafast, Selective, and Long-Term Effective Mercury(II) Detection in a Bacteria-Laden System. <i>ACS Applied Bio Materials</i> , 2019, 2, 906-915.	2.3	16
137	Electrically responsive structural colors from colloidal crystal arrays of PS@PANI core-shell nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 577, 75-83.	2.3	7
138	Silver Nanoplates and Gold Nanospheres as Probes for Revealing an Interference Phenomenon in a Simultaneous Quantitative Immunochromatographic Assay. <i>Food Analytical Methods</i> , 2019, 12, 1666-1673.	1.3	5
139	Morphology Evolutions and Mechanical Properties of In Situ Fibrillar Polylactic Acid/Thermoplastic Polyurethane Blends Fabricated by Fused Deposition Modeling. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900107.	1.7	21
140	Modelling the combustion of thermally thick biomass particles. <i>Powder Technology</i> , 2019, 353, 110-124.	2.1	18
141	Air/water interfacial growth of Pt nanothorns anchored in situ on macroscopic freestanding CNT thin film for efficient methanol oxidation. <i>New Journal of Chemistry</i> , 2019, 43, 6063-6068.	1.4	4
142	Rationally Programmable Paper-Based Artificial Trees Toward Multipath Solar-Driven Water Extraction from Liquid/Solid Substrates. <i>Solar Rrl</i> , 2019, 3, 1900004.	3.1	25
143	Micro-/Macroscopically Synergetic Control of Switchable 2D/3D Photothermal Water Purification Enabled by Robust, Portable, and Cost-Effective Cellulose Papers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15498-15506.	4.0	73
144	Hydrophilic/Hydrophobic Interphase-Mediated Bubble-like Stretchable Janus Ultrathin Films toward Self-Adaptive and Pneumatic Multifunctional Electronics. <i>ACS Nano</i> , 2019, 13, 4368-4378.	7.3	46

#	ARTICLE	IF	CITATIONS
145	A Hollow Microtubular Triazine- and Benzobisoxazole-Based Covalent Organic Framework Presenting Sponge-Like Shells That Functions as a High-Performance Supercapacitor. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1429-1435.	1.7	76
146	A practicable strategy for enrichment and separation of four minor flavonoids including two isomers from barley seedlings by macroporous resin column chromatography, medium-pressure LC, and high-speed countercurrent chromatography. <i>Journal of Separation Science</i> , 2019, 42, 1717-1724.	1.3	12
147	A Universal high accuracy wearable pulse monitoring system via high sensitivity and large linearity graphene pressure sensor. <i>Nano Energy</i> , 2019, 59, 422-433.	8.2	198
148	Supramolecular Fabrication of Complex 3D Hollow Polymeric Hydrogels with Shape and Function Diversity. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 48564-48573.	4.0	11
149	Ultrastable tetraphenyl- <i>p</i> -phenylenediamine-based covalent organic frameworks as platforms for high-performance electrochemical supercapacitors. <i>Chemical Communications</i> , 2019, 55, 14890-14893.	2.2	78
150	A self-protective, reproducible textile sensor with high performance towards human-machine interactions. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26631-26640.	5.2	86
151	Asymmetrical Molecular Decoration of Gold Nanorods for Engineering of Shape-Controlled AuNR@Ag Core-Shell Nanostructures. <i>Langmuir</i> , 2019, 35, 16900-16906.	1.6	22
152	Fluorescent Hydrogel-Coated Paper/Textile as Flexible Chemosensor for Visual and Wearable Mercury(II) Detection. <i>Advanced Materials Technologies</i> , 2019, 4, 1800201.	3.0	46
153	Recent Progress in Biomimetic Anisotropic Hydrogel Actuators. <i>Advanced Science</i> , 2019, 6, 1801584.	5.6	403
154	Cubic-like BaZrO ₃ nanocrystals with exposed {001}/{011} facets and tuned electronic band structure for enhanced photocatalytic hydrogen production. <i>Journal of Materials Science</i> , 2019, 54, 1967-1976.	1.7	19
155	pH and Thermo Dual-Responsive Fluorescent Hydrogel Actuator. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800648.	2.0	73
156	Robust construction of underwater superoleophobic CNTs/nanoparticles multifunctional hybrid membranes via interception effect for oily wastewater purification. <i>Journal of Membrane Science</i> , 2019, 569, 32-40.	4.1	68
157	Antifreezing and Stretchable Organohydrogels as Soft Actuators. <i>Research</i> , 2019, 2019, 2384347.	2.8	58
158	Light-Controlled Shrinkage of Large-Area Gold Nanoparticle Monolayer Film for Tunable SERS Activity. <i>Chemistry of Materials</i> , 2018, 30, 1989-1997.	3.2	103
159	Direct solution deposition of device quality Sb ₂ S ₃ -xSex films for high efficiency solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2018, 183, 52-58.	3.0	72
160	Phosphotungstic Acid Regulated Chemical Bath Deposition of Sb ₂ S ₃ for High-Efficiency Planar Heterojunction Solar Cell. <i>Energy Technology</i> , 2018, 6, 2126-2131.	1.8	18
161	Real-Time in Situ Investigation of Supramolecular Shape Memory Process by Fluorescence Switching. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9499-9506.	1.5	29
162	Network cracks-based wearable strain sensors for subtle and large strain detection of human motions. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5140-5147.	2.7	164

#	ARTICLE	IF	CITATIONS
163	3D cone beam computed tomography reconstruction images in diagnosis of ameloblastomas of lower jaw: A case report and mini review. <i>Journal of X-Ray Science and Technology</i> , 2018, 26, 133-140.	0.7	1
164	Competitive Hydrogen Bonding Interactions Influence the Secondary and Hierarchical Self-Assembled Structures of Polypeptide-Based Triblock Copolymers. <i>Macromolecules</i> , 2018, 51, 3017-3029.	2.2	21
165	Designing a reductive hybrid membrane to selectively capture noble metallic ions during oil/water emulsion separation with further function enhancement. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10217-10225.	5.2	25
166	Macroscopicâ€œOriented Gold Nanorods in Polyvinyl Alcohol Films for Polarizationâ€œDependent Multicolor Displays. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800026.	1.9	11
167	Separation of three polar compounds from <i>Rheum tanguticum</i> by highâ€œspeed countercurrent chromatography with an ethyl acetate/glacial acetic acid/water system. <i>Journal of Separation Science</i> , 2018, 41, 1775-1780.	1.3	16
168	Actuators: Bioinspired Anisotropic Hydrogel Actuators with Onâ€œOff Switchable and Colorâ€œTunable Fluorescence Behaviors (Adv. Funct. Mater. 7/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870043.	7.8	7
169	3D hierarchical Ag nanostructures formed on poly(acrylic acid) brushes grafted graphene oxide as promising SERS substrates. <i>Nanotechnology</i> , 2018, 29, 115503.	1.3	8
170	Phase Engineering of Perovskite Materials for High-Efficiency Solar Cells: Rapid Conversion of CH ₃ NH ₃ PbI ₃ to Phase-Pure CH ₃ NH ₃ PbCl ₃ via Hydrochloric Acid Vapor Annealing Post-Treatment. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 1897-1908.	4.0	62
171	Biodegradable PLA Nonwoven Fabric with Controllable Wettability for Efficient Water Purification and Photocatalysis Degradation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2445-2452.	3.2	87
172	Actuating and memorizing bilayer hydrogels for a self-deformed shape memory function. <i>Chemical Communications</i> , 2018, 54, 1229-1232.	2.2	98
173	Nanozyme-based lateral flow assay for the sensitive detection of <i>Escherichia coli</i> O157:H7 in milk. <i>Journal of Dairy Science</i> , 2018, 101, 5770-5779.	1.4	86
174	Scalable fabrication of free-standing, stretchable CNT/TPE ultrathin composite films for skin adhesive epidermal electronics. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6666-6671.	2.7	29
175	Shape Memory Hydrogels with Simultaneously Switchable Fluorescence Behavior. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800130.	2.0	23
176	Giant Gold Nanowire Vesicle-Based Colorimetric and SERS Dual-Mode Immunosensor for Ultrasensitive Detection of <i>Vibrio parahemolyticus</i> . <i>Analytical Chemistry</i> , 2018, 90, 6124-6130.	3.2	69
177	Humidity-Responsive Gold Aerogel for Real-Time Monitoring of Human Breath. <i>Langmuir</i> , 2018, 34, 4908-4913.	1.6	39
178	A Novel Anisotropic Hydrogel with Integrated Selfâ€œDeformation and Controllable Shape Memory Effect. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800019.	2.0	46
179	Tuning the morphology of amphiphilic copolymer aggregates by compound emulsifier via emulsionâ€œsolvent evaporation. <i>Journal of Saudi Chemical Society</i> , 2018, 22, 297-305.	2.4	9
180	Bioinspired Anisotropic Hydrogel Actuators with Onâ€œOff Switchable and Colorâ€œTunable Fluorescence Behaviors. <i>Advanced Functional Materials</i> , 2018, 28, 1704568.	7.8	353

#	ARTICLE	IF	CITATIONS
181	Mimosa inspired bilayer hydrogel actuator functioning in multi-environments. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1320-1327.	2.7	201
182	Synthesis of well-defined PCL- <i>b</i> -PnBA- <i>b</i> -PMMA ABC-type triblock copolymers: toward the construction of nanostructures in epoxy thermosets. <i>Polymer Chemistry</i> , 2018, 9, 5644-5654.	1.9	30
183	<i>Thalia dealbata</i> Inspired Anisotropic Cellular Biomass Derived Carbonaceous Aerogel. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17152-17159.	3.2	51
184	A lotus-inspired janus hybrid film enabled by interfacial self-assembly and <i>in situ</i> asymmetric modification. <i>Chemical Communications</i> , 2018, 54, 12804-12807.	2.2	23
185	Polymerization driven monomer passage through monolayer chemical vapour deposition graphene. <i>Nature Communications</i> , 2018, 9, 4051.	5.8	20
186	Fried egg-like Au mesostructures grown on poly(4-vinylpyridine) brushes grafted onto graphene oxide. <i>New Journal of Chemistry</i> , 2018, 42, 17016-17020.	1.4	9
187	Rationally Optimized Fluorescent Probe for Imaging Mitochondrial SO ₂ in HeLa Cells and Zebrafish. <i>Analytical Chemistry</i> , 2018, 90, 12442-12448.	3.2	73
188	Organic/Organic Hybrid g-C ₃ N ₄ /Ethylenediamine Nanosheets for Photocatalytic H ₂ Evolution. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24725-24731.	1.5	15
189	pH and Temperature Dual-Responsive Plasmonic Switches of Gold Nanoparticle Monolayer Film for Multiple Anticounterfeiting. <i>Langmuir</i> , 2018, 34, 13047-13056.	1.6	38
190	Ultrafast and Efficient Detection of Formaldehyde in Aqueous Solutions Using Chitosan-based Fluorescent Polymers. <i>ACS Sensors</i> , 2018, 3, 2394-2401.	4.0	76
191	Triboelectric Self-Powered Wearable Flexible Patch as 3D Motion Control Interface for Robotic Manipulator. <i>ACS Nano</i> , 2018, 12, 11561-11571.	7.3	179
192	New Pyrolysis Model for Biomass Particles in a Thermally Thick Regime. <i>Energy & Fuels</i> , 2018, 32, 9399-9414.	2.5	18
193	An Off-Shell Shape Memory Hydrogel Based on the Dynamic Borax/Diol Ester Bonds. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800144.	1.7	26
194	Nanoparticle/Polymer Synergies in Nanocomposite Hydrogels: From Design to Application. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800337.	2.0	85
195	Separation of six compounds including two <i>n</i> -butyrophenone isomers and two stibene isomers from <i>Rheum tanguticum</i> Maxim by recycling high speed counter-current chromatography and preparative high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2018, 41, 3660-3668.	1.3	26
196	High Performance Humidity Fluctuation Sensor for Wearable Devices via a Bioinspired Atomic-Precise Tunable Graphene-Polymer Heterogeneous Sensing Junction. <i>Chemistry of Materials</i> , 2018, 30, 4343-4354.	3.2	120
197	Functionalization of Biodegradable PLA Nonwoven Fabric as Superoleophilic and Superhydrophobic Material for Efficient Oil Absorption and Oil/Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5968-5973.	4.0	241
198	Supramolecular shape memory hydrogels: a new bridge between stimuli-responsive polymers and supramolecular chemistry. <i>Chemical Society Reviews</i> , 2017, 46, 1284-1294.	18.7	381

#	ARTICLE	IF	CITATIONS
199	Hollow Au-Ag Nanoparticles Labeled Immuno-chromatography Strip for Highly Sensitive Detection of Clenbuterol. <i>Scientific Reports</i> , 2017, 7, 41419.	1.6	35
200	Direct supramolecular interacted graphene oxide assembly on graphene as an active and defect-free functional platform. <i>Chemical Communications</i> , 2017, 53, 1949-1952.	2.2	6
201	Air/Water Interfacial Formation of "Clean" Tiny AuNPs Anchored Densely on CNT Film for Electrocatalytic Alcohol Oxidation. <i>Advanced Materials Interfaces</i> , 2017, 4, 1601105.	1.9	7
202	A water-soluble near-infrared (NIR) fluorescence activation probe for efficient detection of dissolved carbon dioxide. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 631-637.	4.0	18
203	Fe ³⁺ , pH-, Thermoresponsive Supramolecular Hydrogel with Multishape Memory Effect. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9038-9044.	4.0	94
204	Separation of 4 TM -demethyldeoxydopodophyllotoxin from <i>Sinopodophyllum emodi</i> by medium-pressure LC and high-speed counter-current chromatography guided by HPLC-MS. <i>Separation Science and Technology</i> , 2017, 52, 1423-1429.	1.3	3
205	Separation of six xanthenes from <i>Swertia franchetiana</i> by high-speed countercurrent chromatography. <i>Journal of Separation Science</i> , 2017, 40, 2515-2521.	1.3	13
206	A fast chemical approach towards Sb ₂ S ₃ film with a large grain size for high-performance planar heterojunction solar cells. <i>Nanoscale</i> , 2017, 9, 3386-3390.	2.8	145
207	Bimetallic Au/Ag Core-Shell Superstructures with Tunable Surface Plasmon Resonance in the Near-Infrared Region and High Performance Surface-Enhanced Raman Scattering. <i>Langmuir</i> , 2017, 33, 5378-5384.	1.6	86
208	3D Graphene Oxide Micropatterns Achieved by Roller-Assisted Microcontact Printing Induced Interface Integral Peel and Transfer. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600867.	1.9	6
209	Poly(2-vinylpyridine) brushes as a reaction chamber to fabricate spiky gold nanoparticles. <i>RSC Advances</i> , 2017, 7, 28024-28028.	1.7	5
210	Synthesis and Electrochemical Properties of Two-Dimensional Hafnium Carbide. <i>ACS Nano</i> , 2017, 11, 3841-3850.	7.3	370
211	Large-Scale Preparation of a Specific Xanthone from <i>Swertia mussotii</i> and Evaluation of Its β -Glucosidase Inhibitory Activity. <i>Journal of Chromatographic Science</i> , 2017, 55, 638-644.	0.7	2
212	Selenium-Graded Sb ₂ (S _{1-x} Se _x) ₃ for Planar Heterojunction Solar Cell Delivering a Certified Power Conversion Efficiency of 5.71%. <i>Solar Rrl</i> , 2017, 1, 1700017.	3.1	82
213	Enhancing cycle stability and storage property of LiNi _{0.8} Co _{0.15} Al _{0.05} O ₂ by using fast cooling method. <i>Electrochimica Acta</i> , 2017, 227, 225-234.	2.6	45
214	Successive surface engineering of TiO ₂ compact layers via dual modification of fullerene derivatives affording hysteresis-suppressed high-performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1724-1733.	5.2	77
215	Giant Vesicles with Anchored Tiny Gold Nanowires: Fabrication and Surface-Enhanced Raman Scattering. <i>Langmuir</i> , 2017, 33, 13376-13383.	1.6	24
216	Shape-Controlled Synthesis of Au-Polypyrrole Composites Using Poly(4-vinylpyridine) Brush Grafted on Graphene Oxide as a Reaction Chamber. <i>Chemistry - A European Journal</i> , 2017, 23, 17549-17555.	1.7	8

#	ARTICLE	IF	CITATIONS
217	Cu ₂ xGeS ₃ : a new hole transporting material for stable and efficient perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19884-19891.	5.2	17
218	A Sandwiched/Cracked Flexible Film for Multithermal Monitoring and Switching Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32184-32191.	4.0	15
219	Bright and sensitive ratiometric fluorescent probe enabling endogenous FA imaging and mechanistic exploration of indirect oxidative damage due to FA in various living systems. <i>Chemical Science</i> , 2017, 8, 7851-7861.	3.7	84
220	Nonconjugated Polymer Poly(vinylpyrrolidone) as an Efficient Interlayer Promoting Electron Transport for Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32957-32964.	4.0	73
221	Isolation and Purification of Three Analogues from <i>Clematis akebioides</i> by Molecularly Imprinted Solid-Phase Extraction and HSCCC. <i>Chromatographia</i> , 2017, 80, 1651-1658.	0.7	4
222	Macroscopic Assembly of Gold Nanorods into Superstructures with Controllable Orientations by Anisotropic Affinity Interaction. <i>Langmuir</i> , 2017, 33, 13867-13873.	1.6	29
223	Amplifying the signal of localized surface plasmon resonance sensing for the sensitive detection of <i>Escherichia coli</i> O157:H7. <i>Scientific Reports</i> , 2017, 7, 3288.	1.6	37
224	Self-Diffusion Driven Ultrafast Detection of ppm-Level Nitroaromatic Pollutants in Aqueous Media Using a Hydrophilic Fluorescent Paper Sensor. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23884-23893.	4.0	67
225	Chlorinated fluorine doped tin oxide electrodes with high work function for highly efficient planar perovskite solar cells. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	6
226	Unusual Emission of Polystyrene-Based Alternating Copolymers Incorporating Aminobutyl Maleimide Fluorophore-Containing Polyhedral Oligomeric Silsesquioxane Nanoparticles. <i>Polymers</i> , 2017, 9, 103.	2.0	21
227	A Multiple Shape Memory Hydrogel Induced by Reversible Physical Interactions at Ambient Condition. <i>Polymers</i> , 2017, 9, 138.	2.0	26
228	Coumarin- and Carboxyl-Functionalized Supramolecular Polybenzoxazines Form Miscible Blends with Polyvinylpyrrolidone. <i>Polymers</i> , 2017, 9, 146.	2.0	17
229	Synthesis of PNVP-Based Copolymers with Tunable Thermosensitivity by Sequential Reversible Addition-Fragmentation Chain Transfer Copolymerization and Ring-Opening Polymerization. <i>Polymers</i> , 2017, 9, 231.	2.0	15
230	Temperature-, pH- and CO ₂ -Sensitive Poly(N-isopropylacryl amide-co-acrylic acid) Copolymers with High Glass Transition Temperatures. <i>Polymers</i> , 2016, 8, 434.	2.0	36
231	Separation of three anthraquinone glycosides including two isomers by preparative high-performance liquid chromatography and high-speed countercurrent chromatography from <i>Rheum tanguticum</i> Maxim. ex Balf. <i>Journal of Separation Science</i> , 2016, 39, 3105-3112.	1.3	27
232	Enhanced catalytic degradation of 4-NP using a superhydrophilic PVDF membrane decorated with Au nanoparticles. <i>RSC Advances</i> , 2016, 6, 62302-62309.	1.7	31
233	Separation of three phenolic high-molecular-weight compounds from the crude extract of <i>Terminalia Chebula</i> Retz. by ultrasound-assisted extraction and high-speed countercurrent chromatography. <i>Journal of Separation Science</i> , 2016, 39, 1278-1285.	1.3	23
234	Mechanical Robust and Self-Healable Supramolecular Hydrogel. <i>Macromolecular Rapid Communications</i> , 2016, 37, 265-270.	2.0	58

#	ARTICLE	IF	CITATIONS
235	Stretchable supramolecular hydrogels with triple shape memory effect. <i>Chemical Science</i> , 2016, 7, 6715-6720.	3.7	134
236	First separation of four aromatic acids and two analogues with similar structures and polarities from <i>Clematis akebioides</i> by high-speed counter-current chromatography. <i>Journal of Separation Science</i> , 2016, 39, 4660-4666.	1.3	8
237	Temperature-Dependent Self-Assembly/Disassembly of Gold Nanoparticles Oligomers. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 5829-5832.	0.9	3
238	Controllably self-assembled graphene-supported Au@Pt bimetallic nanodendrites as superior electrocatalysts for methanol oxidation in direct methanol fuel cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7352-7364.	5.2	57
239	Facile Synthesis of Uniform Raspberry-Like Gold Nanoparticles for High Performance Surface Enhanced Raman Scattering. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 5683-5688.	0.9	7
240	An Efficient Protocol for Preparation of Gallic Acid from <i>Terminalia bellirica</i> (Gaertn.) Roxb by Combination of Macroporous Resin and Preparative High-Performance Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2016, 54, 1220-1224.	0.7	8
241	Photostability and Moisture Stability of CH ₃ NH ₃ PbI ₃ -based Solar Cells by Ethyl Cellulose. <i>ChemPlusChem</i> , 2016, 81, 1292-1298.	1.3	23
242	Single cell migration dynamics mediated by geometric confinement. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 72-78.	2.5	18
243	Integration of a patterned conductive carbon nanotube thin film with an insulating hydrophobic polymer carpet into robust 2D Janus hybrid flexible electronics. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9750-9755.	2.7	18
244	Engineering Gold Nanoparticles in Compass Shape with Broadly Tunable Plasmon Resonances and High-Performance SERS. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27949-27955.	4.0	39
245	Mussel-inspired multifunctional supramolecular hydrogels with self-healing, shape memory and adhesive properties. <i>Polymer Chemistry</i> , 2016, 7, 5343-5346.	1.9	86
246	Pd-on-Au Supra-nanostructures Decorated Graphene Oxide: An Advanced Electrocatalyst for Fuel Cell Application. <i>Langmuir</i> , 2016, 32, 8557-8564.	1.6	24
247	Construction of superhydrophilic and under-water superoleophobic carbon-based membranes for water purification. <i>RSC Advances</i> , 2016, 6, 73399-73403.	1.7	37
248	Solution-Processable Ionic Liquid as an Independent or Modifying Electron Transport Layer for High-Efficiency Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34464-34473.	4.0	111
249	Ultrafast Formation of Free-Standing 2D Carbon Nanotube Thin Films through Capillary Force Driving Compression on an Air/Water Interface. <i>Chemistry of Materials</i> , 2016, 28, 7125-7133.	3.2	54
250	Reaction-Driven Self-Assembled Micellar Nanoprobes for Ratiometric Fluorescence Detection of CS ₂ with High Selectivity and Sensitivity. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 20100-20109.	4.0	13
251	A multi-responsive hydrogel with a triple shape memory effect based on reversible switches. <i>Chemical Communications</i> , 2016, 52, 13292-13295.	2.2	82
252	A Multiresponsive Anisotropic Hydrogel with Macroscopic 3D Complex Deformations. <i>Advanced Functional Materials</i> , 2016, 26, 8670-8676.	7.8	209

#	ARTICLE	IF	CITATIONS
253	Highly Efficient Actuator of Graphene/Polydopamine Uniform Composite Thin Film Driven by Moisture Gradients. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600169.	1.9	64
254	Acetate Salts as Nonhalogen Additives To Improve Perovskite Film Morphology for High-Efficiency Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15333-15340.	4.0	56
255	Tris base assisted synthesis of monodispersed citrate-capped gold nanospheres with tunable size. <i>RSC Advances</i> , 2016, 6, 60916-60921.	1.7	20
256	Macroscopic Ultrathin Film as Bio-Inspired Interfacial Reactor for Fabricating 2D Freestanding Janus CNTs/AuNPs Hybrid Nanosheets with Enhanced Electrical Performance. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600170.	1.9	30
257	Aggregation-induced emission of tetraphenylethylene-modified polyethyleneimine for highly selective CO ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 551-556.	4.0	31
258	Spatially-controlled growth of platinum on gold nanorods with tailoring plasmonic and catalytic properties. <i>RSC Advances</i> , 2016, 6, 10713-10718.	1.7	15
259	Flexible and Adhesive Surface Enhance Raman Scattering Active Tape for Rapid Detection of Pesticide Residues in Fruits and Vegetables. <i>Analytical Chemistry</i> , 2016, 88, 2149-2155.	3.2	369
260	Heterogemini surfactant assisted synthesis of monodisperse icosahedral gold nanocrystals and their applications in electrochemical biosensing. <i>RSC Advances</i> , 2016, 6, 31301-31307.	1.7	8
261	Crystallinity and defect state engineering in organo-lead halide perovskite for high-efficiency solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3806-3812.	5.2	76
262	CRISPR-Cas9 Targeting of PCSK9 in Human Hepatocytes In Vivo—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 783-786.	1.1	118
263	Underwater superoleophobic carbon nanotubes/core-shell polystyrene@Au nanoparticles composite membrane for flow-through catalytic decomposition and oil/water separation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10810-10815.	5.2	105
264	Thin Films: 2D Janus Hybrid Materials of Polymer-Grafted Carbon Nanotube/Graphene Oxide Thin Film as Flexible, Miniature Electric Carpet (<i>Adv. Funct. Mater.</i> 16/2015). <i>Advanced Functional Materials</i> , 2015, 25, 2479-2479.	7.8	0
265	pH- and Sugar-Induced Shape Memory Hydrogel Based on Reversible Phenylboronic Acid-Diol Ester Bonds. <i>Macromolecular Rapid Communications</i> , 2015, 36, 533-537.	2.0	131
266	A remarkable sensitivity enhancement in a gold nanoparticle-based lateral flow immunoassay for the detection of <i>Escherichia coli</i> O157:H7. <i>RSC Advances</i> , 2015, 5, 45092-45097.	1.7	60
267	Synthesis and Properties Study of the Uniform Nonspherical Styrene/Methacrylic Acid Copolymer Latex Particles. <i>Langmuir</i> , 2015, 31, 105-109.	1.6	18
268	Light-Triggered Reversible Self-Assembly of Gold Nanoparticle Oligomers for Tunable SERS. <i>Langmuir</i> , 2015, 31, 1164-1171.	1.6	101
269	Optical Nanoimaging for Block Copolymer Self-Assembly. <i>Journal of the American Chemical Society</i> , 2015, 137, 2436-2439.	6.6	83
270	Rapid Screening, Identification, Separation, and Purification of Four Bioactive Compounds from <i>Swertia mussoitii</i> Franch. <i>Separation Science and Technology</i> , 2015, 50, 604-610.	1.3	7

#	ARTICLE	IF	CITATIONS
271	Tough and Biocompatible Hydrogels Based on in Situ Interpenetrating Networks of Dithiol-Connected Graphene Oxide and Poly(vinyl alcohol). <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 3003-3008.	4.0	61
272	Controlled functionalization of carbon nanotubes as superhydrophobic material for adjustable oil/water separation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 4124-4128.	5.2	88
273	CO ₂ and temperature dual responsive "Smart" MXene phases. <i>Chemical Communications</i> , 2015, 51, 314-317.	2.2	222
274	2D Janus Hybrid Materials of Polymer-Grafted Carbon Nanotube/Graphene Oxide Thin Film as Flexible, Miniature Electric Carpet. <i>Advanced Functional Materials</i> , 2015, 25, 2428-2435.	7.8	41
275	Concave gold nanoparticle-based highly sensitive electrochemical IgG immunobiosensor for the detection of antibody-antigen interactions. <i>RSC Advances</i> , 2015, 5, 58478-58484.	1.7	23
276	Trace Elements in <i>Lycium barbarum</i> L. Leaves by Inductively Coupled Plasma Mass Spectrometry after Microwave Assisted Digestion and Multivariate Analysis. <i>Spectroscopy Letters</i> , 2015, 48, 775-780.	0.5	6
277	UV light-initiated RAFT polymerization induced self-assembly. <i>Polymer Chemistry</i> , 2015, 6, 6129-6132.	1.9	35
278	Hierarchical Flowerlike Gold Nanoparticles Labeled Immunochromatography Test Strip for Highly Sensitive Detection of <i>Escherichia coli</i> O157:H7. <i>Langmuir</i> , 2015, 31, 5537-5544.	1.6	118
279	Controlled evaporative self-assembly of Fe ₃ O ₄ nanoparticles assisted by an external magnetic field. <i>RSC Advances</i> , 2015, 5, 31519-31524.	1.7	10
280	Controlled preparation of TiO ₂ hollow microspheres constructed by crosslinked nanochains with high photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 8442-8450.	1.1	26
281	A direct microcontact printing induced supramolecular interaction for creating shape-tunable patterned polymeric surfaces. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8659-8664.	2.7	1
282	Close-packed assemblies of discrete tiny silver nanoparticles on triangular gold nanoplates as a high performance SERS probe. <i>RSC Advances</i> , 2015, 5, 94849-94854.	1.7	8
283	Wafer-scale synthesis of defined polymer brushes under ambient conditions. <i>Polymer Chemistry</i> , 2015, 6, 8176-8183.	1.9	73
284	Exploring the potential of exfoliated ternary ultrathin Ti ₄ AlN ₃ nanosheets for fabricating hybrid patterned polymer brushes. <i>RSC Advances</i> , 2015, 5, 70339-70344.	1.7	30
285	Fabricating a morphology tunable patterned bio-inspired polydopamine film directly via microcontact printing. <i>RSC Advances</i> , 2015, 5, 60990-60992.	1.7	8
286	Behavior of anode-supported SOFCs under simulated syngases. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 639-646.	1.2	7
287	One-step template-free synthesis of hollow core-shell Fe ₂ O ₃ microspheres with improved lithium storage and gas-sensing properties. <i>CrystEngComm</i> , 2015, 17, 1173-1181.	1.3	20
288	Preparation and Surface Morphology Control of Self-Assembled Graphene Oxide/Chitosan Composite Membrane. <i>Science of Advanced Materials</i> , 2015, 7, 1083-1089.	0.1	1

#	ARTICLE	IF	CITATIONS
289	Study on electric field induced structural color change of Fe ₃ O ₄ @C hybrid nanoparticles. <i>Materials Research Express</i> , 2014, 1, 045037.	0.8	7
290	Preparation of two flavonoid glycosides with unique structures from barley seedlings by membrane separation technology and preparative high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2014, 37, 3760-3766.	1.3	12
291	One-step hydrothermal synthesis of carbon@Fe ₃ O ₄ nanoparticles with high adsorption capacity. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 1381-1387.	1.1	9
292	Application of an efficient strategy based on liquid-liquid extraction, high-speed counter-current chromatography, and preparative HPLC for the rapid enrichment, separation, and purification of four anthraquinones from <i>Rheum tanguticum</i> . <i>Journal of Separation Science</i> , 2014, 37, 165-170.	1.3	46
293	Simultaneous Synthesis and Assembly of Silver Nanoparticles to Three-Dimensional Superstructures for Sensitive Surface-Enhanced Raman Spectroscopy Detection. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21468-21473.	4.0	19
294	Self-healable macro-/microscopic shape memory hydrogels based on supramolecular interactions. <i>Chemical Communications</i> , 2014, 50, 12277-12280.	2.2	168
295	Micro-contact printing of graphene oxide nanosheets for fabricating patterned polymer brushes. <i>Chemical Communications</i> , 2014, 50, 7103.	2.2	34
296	Hydrothermal synthesis of monodisperse dodecahedron γ -Fe ₂ O ₃ nanocrystals with high photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 5593-5600.	1.1	5
297	Electric field induced structural color changes of SiO ₂ @TiO ₂ core-shell colloidal suspensions. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1990.	2.7	69
298	A smart hybrid system of Au nanoparticle immobilized PDMAEMA brushes for thermally adjustable catalysis. <i>Chemical Communications</i> , 2014, 50, 1212-1214.	2.2	61
299	Janus Polymer/Carbon Nanotube Hybrid Membranes for Oil/Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 16204-16209.	4.0	283
300	ATRP with a light switch: photoinduced ATRP using a household fluorescent lamp. <i>Polymer Chemistry</i> , 2014, 5, 4790-4796.	1.9	98
301	Au nanoparticle-loaded PDMAEMA brush grafted graphene oxide hybrid systems for thermally smart catalysis. <i>RSC Advances</i> , 2014, 4, 44480-44485.	1.7	30
302	Tough and Fatigue Resistant Biomimetic Hydrogels of Interlaced Self-Assembled Conjugated Polymer Belts with a Polyelectrolyte Network. <i>Chemistry of Materials</i> , 2014, 26, 3522-3529.	3.2	68
303	Bivalve Shell: Not an Abundant Useless Waste but a Functional and Versatile Biomaterial. <i>Critical Reviews in Environmental Science and Technology</i> , 2014, 44, 2502-2530.	6.6	128
304	Robust preparation of superhydrophobic polymer/carbon nanotube hybrid membranes for highly effective removal of oils and separation of water-in-oil emulsions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15268.	5.2	194
305	Controlled Evaporative Self-Assembly of Poly(acrylic acid) in a Confined Geometry for Fabricating Patterned Polymer Brushes. <i>Langmuir</i> , 2014, 30, 4863-4867.	1.6	7
306	Sulfonated polystyrene spheres as template for fabricating hollow compact silver spheres via silver mirror reaction at low temperature. <i>RSC Advances</i> , 2014, 4, 2295-2299.	1.7	18

#	ARTICLE	IF	CITATIONS
307	Fabrication of free-standing multilayer films by using pH-responsive microgels as sacrificial layers. <i>Colloid and Polymer Science</i> , 2014, 292, 1235-1240.	1.0	9
308	One step synthesis of Fe^{2+} -FeOOH nanowire bundles/graphene oxide nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 3680-3686.	1.1	0
309	One-Step Isolation and Purification of Four Xanthone Glycosides from Tibetan Medicinal Plant <i>Halenia elliptica</i> by High-Speed Counter-Current Chromatography. <i>Separation Science and Technology</i> , 2014, 49, 1119-1124.	1.3	3
310	Polymer brush functionalized Janus graphene oxide/chitosan hybrid membranes. <i>RSC Advances</i> , 2014, 4, 22759.	1.7	34
311	Application of high-speed counter-current chromatography combined with macroporous resin for rapid enrichment and separation of three anthraquinone glycosides and one stilbene glycoside from <i>Rheum tanguticum</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 957, 90-95.	1.2	18
312	Coating sulfonated polystyrene microspheres with highly dense gold nanoparticle shell for SERS application. <i>Colloid and Polymer Science</i> , 2013, 291, 2023-2029.	1.0	23
313	A microcontact printing induced supramolecular self-assembled photoactive surface for patterning polymer brushes. <i>Chemical Communications</i> , 2013, 49, 11167.	2.2	38
314	Tuning self-assembly and photo-responsive behavior of azobenzene-containing triblock copolymers by combining homopolymers. <i>Nanotechnology</i> , 2013, 24, 085602.	1.3	30
315	Self-assembly and photo-responsive behavior of novel ABC2-type block copolymers containing azobenzene moieties. <i>Soft Matter</i> , 2012, 8, 3131.	1.2	53
316	PREPARATIVE ISOLATION AND PURIFICATION OF LUTONARIN AND SAPONARIN FROM BARLEY SEEDLINGS BY HSCCC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 2524-2532.	0.5	3
317	Patterned polymer brushes. <i>Chemical Society Reviews</i> , 2012, 41, 3280.	18.7	212
318	Thermoelectric Bi_2Te_3 -improved charge collection for high-performance dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2012, 5, 6294-6298.	15.6	77
319	Colloidal lithography for fabricating patterned polymer-brush microstructures. <i>Beilstein Journal of Nanotechnology</i> , 2012, 3, 397-403.	1.5	18
320	Detecting the cross-linking process of hybrid large-compound vesicles by an electrochemical method. <i>Colloid and Polymer Science</i> , 2012, 290, 861-866.	1.0	3
321	Manipulating the Motion of Gold Aggregates Using Stimulus-Responsive Patterned Polymer Brushes as a Motor. <i>Advanced Functional Materials</i> , 2012, 22, 429-434.	7.8	17
322	Polymer brush patterning using self-assembled microsphere monolayers as microcontact printing stamps. <i>Soft Matter</i> , 2011, 7, 5532.	1.2	17
323	Site-selective localization of analytes on gold nanorod surface for investigating field enhancement distribution in surface-enhanced Raman scattering. <i>Nanoscale</i> , 2011, 3, 1575.	2.8	39
324	Temperature dependence of graphene oxide reduced by hydrazine hydrate. <i>Nanotechnology</i> , 2011, 22, 055705.	1.3	578

#	ARTICLE	IF	CITATIONS
325	Chlorine contaminants poisoning of solid oxide fuel cells. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 1077-1085.	1.2	32
326	The biocompatibility of titanium cardiovascular devices seeded with autologous blood-derived endothelial progenitor cells. <i>Biomaterials</i> , 2011, 32, 10-18.	5.7	77
327	Individual Ag Nanowire Dimer for Surface-Enhanced Raman Scattering. <i>Plasmonics</i> , 2011, 6, 761-766.	1.8	13
328	Dynamic Microcontact Printing for Patterning Polymer-Brush Microstructures. <i>Small</i> , 2011, 7, 2148-2152.	5.2	26
329	Field-Induced Nanolithography for Patterning of Non-Fouling Polymer Brush Surfaces. <i>Small</i> , 2011, 7, 3032-3037.	5.2	11
330	A Hierarchically Nanostructured Composite of MnO ₂ /Conjugated Polymer/Graphene for High-Performance Lithium Ion Batteries. <i>Advanced Energy Materials</i> , 2011, 1, 736-741.	10.2	279
331	Extending micro-contact printing for patterning complex polymer brush microstructures. <i>Polymer</i> , 2011, 52, 2461-2467.	1.8	13
332	Preparation of Novel Carbon Nanorods and Nanotubes Using Poly(Ferrocenylsilanes) as Self-Catalyzed Precursors. <i>Polymer-Plastics Technology and Engineering</i> , 2011, 50, 755-757.	1.9	3
333	Stimulus-responsive polymer brushes on surfaces: Transduction mechanisms and applications. <i>Progress in Polymer Science</i> , 2010, 35, 94-112.	11.8	348
334	Fabrication of Patterned Polymer Brushes on Chemically Active Surfaces by in situ Hydrogen-Bond-Mediated Attachment of an Initiator. <i>Small</i> , 2010, 6, 1504-1508.	5.2	19
335	Rational control of anisotropic nanocomposites for engineered nanocatives and SERS application. , 2010, , .		1
336	Hotspot-Induced Transformation of Surface-Enhanced Raman Scattering Fingerprints. <i>ACS Nano</i> , 2010, 4, 3087-3094.	7.3	203
337	Glucose-responsive polymer brushes for microcantilever sensing. <i>Journal of Materials Chemistry</i> , 2010, 20, 3391.	6.7	74
338	Fabrication of Micropatterned Stimulus-Responsive Polymer-Brush -Anemone™. <i>Advanced Materials</i> , 2009, 21, 1825-1829.	11.1	35
339	Drug releasing behavior of hybrid micelles containing polypeptide triblock copolymer. <i>Biomaterials</i> , 2009, 30, 108-117.	5.7	164
340	Synthesis and self-assembly behavior of amphiphilic polypeptide-based brush-coil block copolymers. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5967-5978.	2.5	34
341	Dual-drug delivery system based on hydrogel/micelle composites. <i>Biomaterials</i> , 2009, 30, 2606-2613.	5.7	240
342	Novel organic/inorganic hybrid self-assembly aggregates of ferrocene-poly(styrene)-b-poly[3-(trimethoxysilyl)propyl methacrylate]. <i>European Polymer Journal</i> , 2009, 45, 639-642.	2.6	15

#	ARTICLE	IF	CITATIONS
343	Super-helices self-assembled from a binary system of amphiphilic polypeptide block copolymers and polypeptide homopolymers. <i>Chemical Communications</i> , 2009, , 2709.	2.2	76
344	Controlled Assembly of Eccentrically Encapsulated Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2008, 130, 11858-11859.	6.6	201
345	Polymeric and biomacromolecular brush nanostructures: progress in synthesis, patterning and characterization. <i>Soft Matter</i> , 2008, 4, 1774.	1.2	95
346	Tunable wettability in surface-modified ZnO-based hierarchical nanostructures. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	69
347	Study on the microstructures of polypropylene synthesized by a novel MgCl ₂ -supported and low Ti-loading Ziegler-Natta catalyst. <i>Designed Monomers and Polymers</i> , 2007, 10, 477-486.	0.7	2
348	Progress in synthesis of branched ferrocene-based polymers and their applications in supramolecular recognition and as precursors of magnetic materials. <i>Designed Monomers and Polymers</i> , 2007, 10, 389-404.	0.7	8
349	Pickering Stabilization as a Tool in the Fabrication of Complex Nanopatterned Silica Microcapsules. <i>Langmuir</i> , 2007, 23, 9527-9530.	1.6	95
350	Electrochemical behaviors of poly(ferrocenylsilane) solutions. <i>Journal of Applied Polymer Science</i> , 2007, 103, 789-794.	1.3	7
351	Synthesis of a soluble azomethine-containing bisphenol and the properties of its modified epoxy thermosets. <i>Journal of Applied Polymer Science</i> , 2007, 106, 1632-1639.	1.3	10
352	Organic-Inorganic Hybrid Hollow Spheres Prepared from TiO ₂ -Stabilized Pickering Emulsion Polymerization. <i>Advanced Materials</i> , 2007, 19, 2286-2289.	11.1	367
353	Study on synthesis of two-armed polymers containing a crown ether core and their self-assembly behaviors in selective solvents. <i>European Polymer Journal</i> , 2007, 43, 2088-2095.	2.6	7
354	Solvent effects on electrochemical behavior of poly(ferrocenylsilane) films. <i>Electrochimica Acta</i> , 2007, 52, 3941-3949.	2.6	10
355	Micelle formation and drug release behavior of polypeptide graft copolymer and its mixture with polypeptide block copolymer. <i>International Journal of Pharmaceutics</i> , 2007, 336, 49-57.	2.6	58
356	Effect of electrical field on polypeptide phase behavior involving a conformationally coupled anisotropic-isotropic transition. <i>Polymer</i> , 2007, 48, 2056-2063.	1.8	8
357	Phase equilibria of polymer dispersed liquid crystal systems in the presence of an external electrical field. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 1898-1906.	2.4	4
358	Effect of silver nanowires on electrical conductance of system composed of silver particles. <i>Journal of Materials Science</i> , 2007, 42, 3172-3176.	1.7	53
359	A Novel Approach for Preparation of Nano-gold Particles/Carbon Nanotube Composites from Gold Film, Poly(ferrocenylsilane) and Acetylene. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007, 17, 121-125.	1.9	9
360	Progress of the Surface Modification of PP Fiber Used in Concrete. <i>Polymer-Plastics Technology and Engineering</i> , 2006, 45, 29-34.	1.9	15

#	ARTICLE	IF	CITATIONS
361	Supracolloidal Structures through Liquid-Liquid Interface Driven Assembly and Polymerization. <i>Macromolecular Symposia</i> , 2006, 245-246, 34-41.	0.4	12
362	Study on synthesis and properties of poly(ferrocenylbutylmethylsilane) with unsymmetrical silicon substitution groups. <i>European Polymer Journal</i> , 2006, 42, 843-848.	2.6	7
363	Self-assembly of poly(ferrocenyldimethylsilane)-b-poly(benzyl ether) linear-dendritic organometallic polymer. <i>European Polymer Journal</i> , 2006, 42, 687-693.	2.6	19
364	Polymeric micelles formed by polypeptide graft copolymer and its mixtures with polypeptide block copolymer. <i>Polymer</i> , 2006, 47, 4485-4489.	1.8	94
365	Electrochemical behavior on poly(ferrocenyldimethylsilane)-b-poly(benzyl ether) linear-dendritic organometallic polymer films. <i>Journal of Electroanalytical Chemistry</i> , 2006, 586, 122-127.	1.9	24
366	Macroscopic self-assembly of hyperbranched polyesters. <i>Polymer</i> , 2006, 47, 12-17.	1.8	36
367	Low isotactic polypropylene synthesized with a MgCl ₂ /AlCl ₃ -supported Ziegler catalyst. <i>Journal of Molecular Catalysis A</i> , 2006, 244, 146-150.	4.8	8
368	Preparation of gold nanoparticles in the presence of poly(benzyl ether) alcohol dendrons. <i>Materials Chemistry and Physics</i> , 2006, 98, 76-82.	2.0	27
369	Preparation of polyferrocenylsilane via thermal ROP, synthesis of polyferrocenylsilane with methacrylate side chain and its photochemical cross-linking properties. <i>Materials Letters</i> , 2006, 60, 1416-1419.	1.3	10
370	Synthesis of multi-arm star polystyrene with hyperbranched polyester initiators by atom transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , 2006, 99, 728-733.	1.3	11
371	Study on the surface grafting of polypropylene fibers. <i>Journal of Applied Polymer Science</i> , 2006, 99, 734-737.	1.3	3
372	Synthesis and self-assembly of hyperbranched polyethers peripherally modified with adenosine 5'-monophosphate. <i>Journal of Applied Polymer Science</i> , 2006, 99, 1147-1152.	1.3	2
373	Synthesis of poly(ferrocenylsilanes) with different molecular weight and their electrochemical behavior. <i>Journal of Applied Polymer Science</i> , 2006, 100, 473-477.	1.3	4
374	Manifestation of electrolyte ion size effect on electrochemical behavior of poly(ferrocenylsilane) films. <i>Journal of Applied Polymer Science</i> , 2006, 101, 515-523.	1.3	4
375	Preparation of nanopolyethylene wire with carbon nanotubes-supported Cp ₂ ZrCl ₂ catalyst. <i>Journal of Applied Polymer Science</i> , 2006, 101, 1291-1294.	1.3	11
376	Synthesis, characterization, and pressure-sensitive properties of butyl acrylate and methyl acrylate copolymers. <i>Journal of Applied Polymer Science</i> , 2006, 101, 1535-1542.	1.3	7
377	Preparation of organic/inorganic hybrid nanoballs using aggregates of PTMSPMA-b-PSMA-Fc-PSMA-b-PTMSPMA block copolymers as precursors. <i>Nanotechnology</i> , 2006, 17, 2745-2751.	1.3	10
378	Study on Ethylene-1-o-olefin Copolymerization Catalyzed by the MgCl ₂ -Supported and Low Ti-Loading Ziegler-Natta Catalyst. <i>Polymer-Plastics Technology and Engineering</i> , 2006, 45, 1053-1058.	1.9	5

#	ARTICLE	IF	CITATIONS
379	The influence of seeding conditions and shielding gas atmosphere on the synthesis of silver nanowires through the polyol process. <i>Nanotechnology</i> , 2006, 17, 466-474.	1.3	61
380	Synthesis and self-assembly of poly(benzyl ether)-b-poly(methyl methacrylate) dendritic-linear polymers. <i>Polymer</i> , 2005, 46, 81-87.	1.8	34
381	Poly(ferrocenyldimethylsilane-b-dimethylsiloxane) microsphere with shell thickness controllable structure prepared through self-assembly. <i>Polymer</i> , 2005, 46, 5773-5777.	1.8	14
382	Large-size bamboo-shape nanotube from self-assembly of poly(ferrocenyldimethylsilane-b-dimethylsiloxane) block copolymer. <i>Polymer</i> , 2005, 46, 7585-7589.	1.8	13
383	Synthesis and self-assembly of amphiphilic maleic anhydride- <i>st</i> earyl methacrylate copolymer. <i>Polymer</i> , 2005, 46, 11157-11164.	1.8	35
384	Preparation of nano-polyethylene fibers and floccules using MCM-41-supported metallocene catalytic system under atmospheric pressure. <i>European Polymer Journal</i> , 2005, 41, 797-803.	2.6	30
385	Study on attachment of highly branched molecules onto multiwalled carbon nanotubes. <i>Materials Letters</i> , 2005, 59, 2085-2089.	1.3	44
386	Synthesis, properties, and self-assembly of poly(benzyl ether)-b-polystyrene dendritic-linear polymers. <i>Journal of Applied Polymer Science</i> , 2005, 98, 1106-1112.	1.3	9
387	Synthesis and macroscopic self-assembly of multiarm hyperbranched polyethers with benzoyl-terminated groups. <i>Polymer</i> , 2005, 46, 5351-5357.	1.8	23
388	Synthesis and self-assembly of hyperbranched polyester peripherally modified by toluene-4-sulfonyl groups. <i>Polymer</i> , 2005, 46, 9501-9507.	1.8	19
389	Preparation and characterization of dendritic silver nanoparticles. <i>Journal of Materials Science</i> , 2005, 40, 1681-1683.	1.7	38
390	Synthesis and self-assembly of hyperbranched polymers with benzoyl terminal arms. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5554-5561.	2.5	24
391	Electrochemical Behavior of Poly(ferrocenyldimethylsilane-b-dimethylsiloxane) Films. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4624-4630.	1.2	41
392	Studies of preparation of palladium nanoparticles protected by dendrons. <i>Nanotechnology</i> , 2004, 15, 1716-1719.	1.3	17
393	Self-Assembly of Poly(<i>l</i> ³ -benzylL-glutamate)-graft-Poly(ethylene glycol) and Its Mixtures with Poly(<i>l</i> ³ -benzylL-glutamate) Homopolymer. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1241-1246.	2.0	78
394	Study on the Electrochemical Behavior of Poly(ferrocenylsilane) Films. <i>Journal of Physical Chemistry B</i> , 2004, 108, 5627-5633.	1.2	64
395	Phase Behavior of Ternary Systems Involving a Conformationally Variable Chain and a Randomly Coiled Polymer: A Effect of External Orientational Field. <i>Macromolecules</i> , 2004, 37, 5461-5467.	2.2	6
396	Study on the distribution of active centers in novel low Ti-loading MgCl ₂ -supported Ziegler-Natta catalyst. <i>Journal of Zhejiang University Science B</i> , 2004, 5, 912-917.	0.4	3