

Youju Huang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Bioinspired Anisotropic Hydrogel Actuators with On/Off Switchable and Color-Tunable Fluorescence Behaviors. <i>Advanced Functional Materials</i> , 2018, 28, 1704568.	7.8	353
4	Nanomaterials for electrochemical non-enzymatic glucose biosensors. <i>RSC Advances</i> , 2013, 3, 3487.	1.7	315
5	Janus Polymer/Carbon Nanotube Hybrid Membranes for Oil/Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 16204-16209.	4.0	283
6	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
7	CO ₂ and temperature dual responsive "Smart" MXene phases. <i>Chemical Communications</i> , 2015, 51, 314-317.	2.2	222
8	A Multiresponsive Anisotropic Hydrogel with Macroscopic 3D Complex Deformations. <i>Advanced Functional Materials</i> , 2016, 26, 8670-8676.	7.8	209
9	Mimosa inspired bilayer hydrogel actuator functioning in multi-environments. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1320-1327.	2.7	201
10	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
11	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
12	Stretchable supramolecular hydrogels with triple shape memory effect. <i>Chemical Science</i> , 2016, 7, 6715-6720.	3.7	134
13	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
14	Improved SERS-Active Nanoparticles with Various Shapes for CTC Detection without Enrichment Process with Supersensitivity and High Specificity. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 19928-19938.	4.0	113
15	Engineering Catalytic Interfaces in Cu ⁺ /CeO ₂ -TiO ₂ Photocatalysts for Synergistically Boosting CO ₂ Reduction to Ethylene. <i>ACS Nano</i> , 2022, 16, 2306-2318.	7.3	107
16	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
17	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
18	A novel method based on fluorescent magnetic nanobeads for rapid detection of <i>Escherichia coli</i> O157:H7. <i>Food Chemistry</i> , 2019, 276, 333-341.	4.2	103

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19	Fluorescent pH Sensor Based on Ag@SiO ₂ Core-Shell Nanoparticle. ACS Applied Materials & Interfaces, 2013, 5, 5856-5860.	4.0	102
20	Light-Triggered Reversible Self-Assembly of Gold Nanoparticle Oligomers for Tunable SERS. Langmuir, 2015, 31, 1164-1171.	1.6	101
21	Actuating and memorizing bilayer hydrogels for a self-deformed shape memory function. Chemical Communications, 2018, 54, 1229-1232.	2.2	98
22	Fe ³⁺ , pH-, Thermo-responsive Supramolecular Hydrogel with Multishape Memory Effect. ACS Applied Materials & Interfaces, 2017, 9, 9038-9044.	4.0	94
23	Regulation of Morphology and Electronic Structure of FeCoNi Layered Double Hydroxides for Highly Active and Stable Water Oxidization Catalysts. Advanced Energy Materials, 2021, 11, .	10.2	94
24	Dark-field microscopy studies of polarization-dependent plasmonic resonance of single gold nanorods: rainbow nanoparticles. Nanoscale, 2011, 3, 3228.	2.8	91
25	Controlled functionalization of carbon nanotubes as superhydrophobic material for adjustable oil/water separation. Journal of Materials Chemistry A, 2015, 3, 4124-4128.	5.2	88
26	High-yield synthesis of triangular gold nanoplates with improved shape uniformity, tunable edge length and thickness. Nanoscale, 2014, 6, 6496-6500.	2.8	87
27	Biodegradable PLA Nonwoven Fabric with Controllable Wettability for Efficient Water Purification and Photocatalysis Degradation. ACS Sustainable Chemistry and Engineering, 2018, 6, 2445-2452.	3.2	87
28	Synthesis and Bioapplications of Ag ₂ S Quantum Dots with Near-Infrared Fluorescence. Advanced Materials, 2021, 33, e2007768.	11.1	87
29	Mussel-inspired multifunctional supramolecular hydrogels with self-healing, shape memory and adhesive properties. Polymer Chemistry, 2016, 7, 5343-5346.	1.9	86
30	Bimetallic Au/Ag Core-Shell Superstructures with Tunable Surface Plasmon Resonance in the Near-Infrared Region and High Performance Surface-Enhanced Raman Scattering. Langmuir, 2017, 33, 5378-5384.	1.6	86
31	Nanozyme-based lateral flow assay for the sensitive detection of Escherichia coli O157:H7 in milk. Journal of Dairy Science, 2018, 101, 5770-5779.	1.4	86
32	A multi-responsive hydrogel with a triple shape memory effect based on reversible switches. Chemical Communications, 2016, 52, 13292-13295.	2.2	82
33	Flexible Plasmonic Biosensors for Healthcare Monitoring: Progress and Prospects. ACS Nano, 2021, 15, 18822-18847.	7.3	78
34	A multiple signal amplification sandwich-type SERS biosensor for femtomolar detection of miRNA. Biosensors and Bioelectronics, 2019, 143, 111616.	5.3	74
35	Giant Gold Nanowire Vesicle-Based Colorimetric and SERS Dual-Mode Immunosensor for Ultrasensitive Detection of <i>Vibrio parahaemolyticus</i> . Analytical Chemistry, 2018, 90, 6124-6130.	3.2	69
36	Corn-like Au/Ag nanorod-mediated NIR-II photothermal/photodynamic therapy potentiates immune checkpoint antibody efficacy by reprogramming the cold tumor microenvironment. Biomaterials, 2021, 268, 120582.	5.7	69

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37	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
38	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
39	Synthesis and Self-Assembly of Highly Monodispersed Quasispherical Gold Nanoparticles. <i>Langmuir</i> , 2011, 27, 13861-13867.	1.6	66
40	Synthesis of Anisotropic Concave Gold Nanocuboids with Distinctive Plasmonic Properties. <i>Chemistry of Materials</i> , 2013, 25, 2470-2475.	3.2	61
41	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
42	Potential-resolved Faraday cage-type electrochemiluminescence biosensor for simultaneous determination of miRNAs using functionalized g-C ₃ N ₄ and metal organic framework nanosheets. <i>Biosensors and Bioelectronics</i> , 2018, 118, 247-252.	5.3	60
43	Instant interfacial self-assembly for homogeneous nanoparticle monolayer enabled conformal lift-off thin film technology. <i>Science Advances</i> , 2021, 7, eabk2852.	4.7	59
44	Mechanical Robust and Self-Healable Supramolecular Hydrogel. <i>Macromolecular Rapid Communications</i> , 2016, 37, 265-270.	2.0	58
45	Cu ²⁺ -Modified Boron Nitride Nanosheets-Supported Subnanometer Gold Nanoparticles: An Oxidase-Mimicking Nanoenzyme with Unexpected Oxidation Properties. <i>Analytical Chemistry</i> , 2020, 92, 1236-1244.	3.2	58
46	Inducing Crystallization of Polymer through Stretched Network. <i>Macromolecules</i> , 2009, 42, 1428-1432.	2.2	55
47	Light-controlled synthesis of gold nanoparticles using a rigid, photoresponsive surfactant. <i>Nanoscale</i> , 2012, 4, 6312.	2.8	54
48	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
49	Faraday-Cage-Type Electrochemiluminescence Immunoassay: A Rise of Advanced Biosensing Strategy. <i>Analytical Chemistry</i> , 2019, 91, 14792-14802.	3.2	51
50	Ultrastretchable, Highly Transparent, Self-Adhesive, and 3D-Printable Ionic Hydrogels for Multimode Tactical Sensing. <i>Chemistry of Materials</i> , 2021, 33, 6731-6742.	3.2	48
51	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
52	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
53	Gold nanorods etching-based plasmonic immunoassay for qualitative and quantitative detection of aflatoxin M1 in milk. <i>Food Chemistry</i> , 2020, 329, 127160.	4.2	44
54	Interesting optical variations of the etching of Au Nanobipyramid@Ag Nanorods and its application as a colorful chromogenic substrate for immunoassays. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 502-509.	4.0	43

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55	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
56	A Strategy for the Formation of Gold-Palladium Supra-Nanoparticles from Gold Nanoparticles of Various Shapes and Their Application to High-Performance H ₂ O ₂ Sensing. <i>Journal of Physical Chemistry C</i> , 2015, 119, 26164-26170.	1.5	40
57	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
58	Humidity-Responsive Gold Aerogel for Real-Time Monitoring of Human Breath. <i>Langmuir</i> , 2018, 34, 4908-4913.	1.6	39
59	Enhanced Antibacterial and Food Simulant Activities of Silver Nanoparticles/Polypropylene Nanocomposite Films. <i>Langmuir</i> , 2018, 34, 14537-14545.	1.6	38
60	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
61	Construction of superhydrophilic and under-water superoleophobic carbon-based membranes for water purification. <i>RSC Advances</i> , 2016, 6, 73399-73403.	1.7	37
62	Amplifying the signal of localized surface plasmon resonance sensing for the sensitive detection of Escherichia coli O157:H7. <i>Scientific Reports</i> , 2017, 7, 3288.	1.6	37
63	Covalently capped seed-mediated growth: a unique approach toward hierarchical growth of gold nanocrystals. <i>Nanoscale</i> , 2014, 6, 6478-6481.	2.8	36
64	Highly active 3-dimensional cobalt oxide nanostructures on the flexible carbon substrates for enzymeless glucose sensing. <i>Analyst</i> , The, 2017, 142, 4299-4307.	1.7	36
65	Identifying the Phase Behavior of Biodegradable Poly(hexamethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 Td (succinat 2009, 113, 2695-2704.	1.2	35
66	In situ assembly, regeneration and plasmonic immunosensing of a Au nanorod monolayer in a closed-surface flow channel. <i>Lab on A Chip</i> , 2011, 11, 3299.	3.1	35
67	UV light-initiated RAFT polymerization induced self-assembly. <i>Polymer Chemistry</i> , 2015, 6, 6129-6132.	1.9	35
68	Hollow Au-Ag Nanoparticles Labeled Immunochromatography Strip for Highly Sensitive Detection of Clenbuterol. <i>Scientific Reports</i> , 2017, 7, 41419.	1.6	35
69	Anisotropic ionic conductivities in lyotropic supramolecular liquid crystals. <i>Chemical Communications</i> , 2009, , 7560.	2.2	34
70	Macroscopic Orientational Gold Nanorods Monolayer Film with Excellent Photothermal Anticounterfeiting Performance. <i>Advanced Optical Materials</i> , 2020, 8, 1902082.	3.6	33
71	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
72	Gold Nanowire Bundles Grown Radially Outward from Silicon Micropillars. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17582-17586.	4.0	32

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73	A Facile Interfacial Reaction Route To Prepare Magnetic Hollow Spheres with Tunable Shell Thickness. <i>Langmuir</i> , 2008, 24, 6624-6629.	1.6	31
74	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
75	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
76	Tunable scattered colors over a wide spectrum from a single nanoparticle. <i>Nanoscale</i> , 2013, 5, 7772.	2.8	30
77	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
78	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
79	Macroscopic Assembly of Gold Nanorods into Superstructures with Controllable Orientations by Anisotropic Affinity Interaction. <i>Langmuir</i> , 2017, 33, 13867-13873.	1.6	29
80	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
81	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
82	Etched-spiky Au@Ag plasmonic-superstructure monolayer films for triple amplification of surface-enhanced Raman scattering signals. <i>Nanoscale Horizons</i> , 2022, 7, 554-561.	4.1	29
83	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
84	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
85	Inducing New Crystal Structures through Random Copolymerization of Biodegradable Aliphatic Polyester. <i>Macromolecules</i> , 2008, 41, 3162-3168.	2.2	24
86	Lyotropic Supramolecular Helical Columnar Phases Formed by C ₃ -Symmetric and Unsymmetric Rigid Molecules. <i>Chemistry - A European Journal</i> , 2013, 19, 685-690.	1.7	24
87	A single-nanoparticle NO ₂ gas sensor constructed using active molecular plasmonics. <i>Chemical Communications</i> , 2015, 51, 1326-1329.	2.2	24
88	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
89	Giant Vesicles with Anchored Tiny Gold Nanowires: Fabrication and Surface-Enhanced Raman Scattering. <i>Langmuir</i> , 2017, 33, 13376-13383.	1.6	24
90	Co-assemblies of polydiacetylenes and metal ions for solvent sensing. <i>Soft Matter</i> , 2018, 14, 6929-6937.	1.2	24

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91	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
92	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
93	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
94	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
95	Dialysis assisted ligand exchange on gold nanorods: Amplification of the performance of a lateral flow immunoassay for <i>E. coli</i> O157:H7. <i>Mikrochimica Acta</i> , 2018, 185, 350.	2.5	21
96	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
97	Tris base assisted synthesis of monodispersed citrate-capped gold nanospheres with tunable size. <i>RSC Advances</i> , 2016, 6, 60916-60921.	1.7	20
98	Semi-quantitative detection of p-Aminophenol in real samples with colorfully naked-eye assay. <i>Sensors and Actuators B: Chemical</i> , 2021, 334, 129604.	4.0	20
99	A paper microfluidics-based fluorescent lateral flow immunoassay for point-of-care diagnostics of non-communicable diseases. <i>Analyst</i> , 2019, 144, 6291-6303.	1.7	19
100	Fast scan voltammetry-derived ultrasensitive Faraday cage-type electrochemical immunoassay for large-size targets. <i>Biosensors and Bioelectronics</i> , 2020, 163, 112277.	5.3	19
101	ZIF-8 derived TiO ₂ /ZnO heterostructure decorated with AgNPs as SERS sensor for sensitive identification of trace pesticides. <i>Journal of Alloys and Compounds</i> , 2022, 901, 163675.	2.8	19
102	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
103	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
104	Highly ordered, ultra long nanofibrils via the hierarchical self-assembly of ionic aromatic oligoamides. <i>Soft Matter</i> , 2013, 9, 4642.	1.2	15
105	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
106	One-pot synthesis of Ag nanoparticles/ZnO nanorods heterostructures for organic dyes decoloring. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 103, 118-125.	2.7	15
107	Highly Pure Gold Nanotriangles with almost 100% Yield for Surface-Enhanced Raman Scattering. <i>ACS Applied Nano Materials</i> , 2022, 5, 1220-1231.	2.4	15
108	Self-assembled particles of N-phthaloylchitosan-g-polycaprolactone molecular bottle brushes as carriers for controlled release of indometacin. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 557-565.	1.7	13

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109	Reaction-Driven Self-Assembled Micellar Nanoprobes for Ratiometric Fluorescence Detection of CS ₂ with High Selectivity and Sensitivity. ACS Applied Materials & Interfaces, 2016, 8, 20100-20109.	4.0	13
110	Ag Nanoparticle-Decorated Mesoporous Silica as a Dual-Mode Raman Sensing Platform for Detection of Volatile Organic Compounds. ACS Applied Nano Materials, 2021, 4, 1019-1028.	2.4	13
111	Macroscopic-Oriented Gold Nanorods in Polyvinyl Alcohol Films for Polarization-Dependent Multicolor Displays. Advanced Materials Interfaces, 2018, 5, 1800026.	1.9	11
112	Gold nanoflowers labelled lateral flow assay integrated with smartphone for highly sensitive detection of clenbuterol in swine urine. Food and Agricultural Immunology, 2019, 30, 1225-1238.	0.7	11
113	Programmable Interface Asymmetric Integration of Carbon Nanotubes and Gold Nanoparticles toward Flexible, Configurable, and Surface-Enhanced Raman Scattering Active All-Optical Solar-Driven Evaporators. Energy Technology, 2019, 7, 1900787.	1.8	11
114	DNA precisely regulated Au nanorods/Ag ₂ S quantum dots satellite structure for ultrasensitive detection of prostate cancer biomarker. Sensors and Actuators B: Chemical, 2021, 347, 130585.	4.0	11
115	Controlled evaporative self-assembly of Fe ₃ O ₄ nanoparticles assisted by an external magnetic field. RSC Advances, 2015, 5, 31519-31524.	1.7	10
116	Preparation of size-tunable, highly monodisperse particles by self-assembly of N-phthaloylchitosan-g-polycaprolactone molecular bottle brushes. Materials Letters, 2009, 63, 1416-1418.	1.3	9
117	Bismuth Oxyhalide Induced Growth of Pt Nanoparticles within Mesoporous Alumina Films and their Use as Reusable Catalyst for Chromium(VI) Reduction. ChemistrySelect, 2017, 2, 620-623.	0.7	9
118	Fluorescent microsphere probe for rapid qualitative and quantitative detection of trypsin activity. Nanoscale Advances, 2019, 1, 162-167.	2.2	9
119	Synthesis of Janus Au@BCP nanoparticles via UV light-initiated RAFT polymerization-induced self-assembly. Nanoscale Advances, 2021, 3, 347-352.	2.2	9
120	Frustrated structures of polycaprolactam and poly(p-benzamide) in their rod-coil-rod triblock copolymers. Polymer, 2010, 51, 232-239.	1.8	8
121	Close-packed assemblies of discrete tiny silver nanoparticles on triangular gold nanoplates as a high performance SERS probe. RSC Advances, 2015, 5, 94849-94854.	1.7	8
122	Fabricating a morphology tunable patterned bio-inspired polydopamine film directly via microcontact printing. RSC Advances, 2015, 5, 60990-60992.	1.7	8
123	Heterogemini surfactant assisted synthesis of monodisperse icosahedral gold nanocrystals and their applications in electrochemical biosensing. RSC Advances, 2016, 6, 31301-31307.	1.7	8
124	Fluorescent Nanoscale Covalent Organic Frameworks with the Theoretically Matched Redox Potential of Fe ³⁺ /Fe ²⁺ for Monitoring of Adenosine-5'-Triphosphate in Cells. ACS Applied Nano Materials, 2021, 4, 13132-13139.	2.4	8
125	Multiscale fibers via supramolecular self-assembly of a fully rigid, discotic aromatic aramid molecule. European Polymer Journal, 2013, 49, 1682-1687.	2.6	7
126	Multiplexed Biomolecular Detection Based on Single Nanoparticles Immobilized on Pneumatically Controlled Microfluidic Chip. Plasmonics, 2014, 9, 801-807.	1.8	7

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127	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
128	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
129	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
130	Actuators: Bioinspired Anisotropic Hydrogel Actuators with On/Off Switchable and Color-Tunable Fluorescence Behaviors (Adv. Funct. Mater. 7/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870043.	7.8	7
131	Structure of polyamide 6 and poly (p-benzamide) in their rod-coil-rod triblock copolymers investigated with in situ wide angle X-ray diffraction. <i>Polymer</i> , 2011, 52, 1197-1205.	1.8	6
132	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
133	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
134	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
135	Surface-floating gold nanorod super-aggregates with macroscopic uniformity. <i>Nano Research</i> , 2018, 11, 2379-2391.	5.8	4
136	Laser ablation of block copolymers with hydrogen-bonded azobenzene derivatives. <i>Frontiers of Chemical Science and Engineering</i> , 2018, 12, 450-456.	2.3	4
137	Air/water interfacial growth of Pt nanothorns anchored <i>in situ</i> on macroscopic freestanding CNT thin film for efficient methanol oxidation. <i>New Journal of Chemistry</i> , 2019, 43, 6063-6068.	1.4	4
138	A New Three-Dimensional (3D) Multilayer Organic Material: Synthesis, Swelling, Exfoliation, and Application. <i>Langmuir</i> , 2013, 29, 3813-3820.	1.6	3
139	Temperature-Dependent Self-Assembly/Disassembly of Gold Nanoparticles Oligomers. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 5829-5832.	0.9	3
140	Counterion-Induced Nanosheet-to-Nanofilament Transition of Lyotropic Bent-Core Liquid Crystals. <i>Langmuir</i> , 2018, 34, 13006-13013.	1.6	2
141	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
142	Thin Films: 2D Janus Hybrid Materials of Polymer-Grafted Carbon Nanotube/Graphene Oxide Thin Film as Flexible, Miniature Electric Carpet (Adv. Funct. Mater. 16/2015). <i>Advanced Functional Materials</i> , 2015, 25, 2479-2479.	7.8	0