Youju Huang

List of Publications by Citations

140 papers	5,832 citations	41 h-index	71 g-index
142 ext. papers	6,897 ext. citations	7.4 avg, IF	6.04 L-index

#	Paper	IF	Citations
140	Supramolecular shape memory hydrogels: a new bridge between stimuli-responsive polymers and supramolecular chemistry. *Chemical Society Reviews*, **2017**, 46, 1284-1294	58.5	285
139	Flexible and Adhesive Surface Enhance Raman Scattering Active Tape for Rapid Detection of Pesticide Residues in Fruits and Vegetables. *Analytical Chemistry*, **2016**, 88, 2149-55	7.8	277
138	Nanomaterials for electrochemical non-enzymatic glucose biosensors. *RSC Advances*, **2013**, 3, 3487	3.7	261
137	Bioinspired Anisotropic Hydrogel Actuators with On–Off Switchable and Color-Tunable Fluorescence Behaviors. *Advanced Functional Materials*, **2018**, 28, 1704568	15.6	252
136	Janus polymer/carbon nanotube hybrid membranes for oil/water separation. *ACS Applied Materials & Interfaces*, **2014**, 6, 16204-9	9.5	236
135	Functionalization of Biodegradable PLA Nonwoven Fabric as Superoleophilic and Superhydrophobic Material for Efficient Oil Absorption and Oil/Water Separation. *ACS Applied Materials & Interfaces*, **2017**, 9, 5968-5973	9.5	180
134	CO2 and temperature dual responsive "Smart" MXene phases. *Chemical Communications*, **2015**, 51, 314-7	5.8	174
133	Robust preparation of superhydrophobic polymer/carbon nanotube hybrid membranes for highly effective removal of oils and separation of water-in-oil emulsions. *Journal of Materials Chemistry A*, **2014**, 2, 15268	13	168
132	A Multiresponsive Anisotropic Hydrogel with Macroscopic 3D Complex Deformations. *Advanced Functional Materials*, **2016**, 26, 8670-8676	15.6	153
131	Mimosa inspired bilayer hydrogel actuator functioning in multi-environments. *Journal of Materials Chemistry C*, **2018**, 6, 1320-1327	7.1	125
130	Network cracks-based wearable strain sensors for subtle and large strain detection of human motions. *Journal of Materials Chemistry C*, **2018**, 6, 5140-5147	7.1	114
129	Stretchable supramolecular hydrogels with triple shape memory effect. *Chemical Science*, **2016**, 7, 6715-6720	9.4	107
128	Fluorescent pH sensor based on Ag@SiO2 core-shell nanoparticle. *ACS Applied Materials & Interfaces*, **2013**, 5, 5856-60	9.5	96
127	Hierarchical Flowerlike Gold Nanoparticles Labeled Immunochromatography Test Strip for Highly Sensitive Detection of Escherichia coli O157:H7. *Langmuir*, **2015**, 31, 5537-44	4	91
126	Light-triggered reversible self-assembly of gold nanoparticle oligomers for tunable SERS. *Langmuir*, **2015**, 31, 1164-71	4	90
125	Underwater superoleophobic carbon nanotubes/core–shell polystyrene@Au nanoparticles composite membrane for flow-through catalytic decomposition and oil/water separation. *Journal of Materials Chemistry A*, **2016**, 4, 10810-10815	13	90
124	Improved SERS-Active Nanoparticles with Various Shapes for CTC Detection without Enrichment Process with Supersensitivity and High Specificity. *ACS Applied Materials & Interfaces*, **2016**, 8, 19928-38	9.5	89

123	Dark-field microscopy studies of polarization-dependent plasmonic resonance of single gold nanorods: rainbow nanoparticles. *Nanoscale*, **2011**, 3, 3228-32	7.7	81
122	Controlled functionalization of carbon nanotubes as superhydrophobic material for adjustable oil/water separation. *Journal of Materials Chemistry A*, **2015**, 3, 4124-4128	13	77
121	Mussel-inspired multifunctional supramolecular hydrogels with self-healing, shape memory and adhesive properties. *Polymer Chemistry*, **2016**, 7, 5343-5346	4.9	76
120	Fe-, pH-, Thermoresponsive Supramolecular Hydrogel with Multishape Memory Effect. *ACS Applied Materials & Interfaces*, **2017**, 9, 9038-9044	9.5	73
119	Actuating and memorizing bilayer hydrogels for a self-deformed shape memory function. *Chemical Communications*, **2018**, 54, 1229-1232	5.8	72
118	Light-Controlled Shrinkage of Large-Area Gold Nanoparticle Monolayer Film for Tunable SERS Activity. *Chemistry of Materials*, **2018**, 30, 1989-1997	9.6	71
117	High-yield synthesis of triangular gold nanoplates with improved shape uniformity, tunable edge length and thickness. *Nanoscale*, **2014**, 6, 6496-500	7.7	70
116	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	4	69
115	A multi-responsive hydrogel with a triple shape memory effect based on reversible switches. *Chemical Communications*, **2016**, 52, 13292-13295	5.8	69
114	A novel method based on fluorescent magnetic nanobeads for rapid detection of Escherichia coli O157:H7. *Food Chemistry*, **2019**, 276, 333-341	8.5	65
113	Synthesis and self-assembly of highly monodispersed quasispherical gold nanoparticles. *Langmuir*, **2011**, 27, 13861-7	4	62
112	Synthesis of Anisotropic Concave Gold Nanocuboids with Distinctive Plasmonic Properties. *Chemistry of Materials*, **2013**, 25, 2470-2475	9.6	57
111	Nanozyme-based lateral flow assay for the sensitive detection of Escherichia coli O157:H7 in milk. *Journal of Dairy Science*, **2018**, 101, 5770-5779	4	55
110	Mechanical Robust and Self-Healable Supramolecular Hydrogel. *Macromolecular Rapid Communications*, **2016**, 37, 265-70	4.8	53
109	Self-Diffusion Driven Ultrafast Detection of ppm-Level Nitroaromatic Pollutants in Aqueous Media Using a Hydrophilic Fluorescent Paper Sensor. *ACS Applied Materials & Interfaces*, **2017**, 9, 23884-23893	9.5	52
108	Giant Gold Nanowire Vesicle-Based Colorimetric and SERS Dual-Mode Immunosensor for Ultrasensitive Detection of Vibrio parahemolyticus. *Analytical Chemistry*, **2018**, 90, 6124-6130	7.8	51
107	A remarkable sensitivity enhancement in a gold nanoparticle-based lateral flow immunoassay for the detection of Escherichia coli O157:H7. *RSC Advances*, **2015**, 5, 45092-45097	3.7	51
106	Robust construction of underwater superoleophobic CNTs/nanoparticles multifunctional hybrid membranes via interception effect for oily wastewater purification. *Journal of Membrane Science*, **2019**, 569, 32-40	9.6	51

105	Light-controlled synthesis of gold nanoparticles using a rigid, photoresponsive surfactant. *Nanoscale*, **2012**, 4, 6312-7	7.7	50
104	Biodegradable PLA Nonwoven Fabric with Controllable Wettability for Efficient Water Purification and Photocatalysis Degradation. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 2445-2452	8.3	49
103	Inducing Crystallization of Polymer through Stretched Network. *Macromolecules*, **2009**, 42, 1428-1432	5.5	48
102	Ultrafast Formation of Free-Standing 2D Carbon Nanotube Thin Films through Capillary Force Driving Compression on an Air/Water Interface. *Chemistry of Materials*, **2016**, 28, 7125-7133	9.6	47
101	A multiple signal amplification sandwich-type SERS biosensor for femtomolar detection of miRNA. *Biosensors and Bioelectronics*, **2019**, 143, 111616	11.8	46
100	Potential-resolved Faraday cage-type electrochemiluminescence biosensor for simultaneous determination of miRNAs using functionalized g-CN and metal organic framework nanosheets. *Biosensors and Bioelectronics*, **2018**, 118, 247-252	11.8	41
99	2D Janus Hybrid Materials of Polymer-Grafted Carbon Nanotube/Graphene Oxide Thin Film as Flexible, Miniature Electric Carpet. *Advanced Functional Materials*, **2015**, 25, 2428-2435	15.6	38
98	A Strategy for the Formation of GoldPalladium Supra-Nanoparticles from Gold Nanoparticles of Various Shapes and Their Application to High-Performance H2O2 Sensing. *Journal of Physical Chemistry C*, **2015**, 119, 26164-26170	3.8	36
97	Covalently capped seed-mediated growth: a unique approach toward hierarchical growth of gold nanocrystals. *Nanoscale*, **2014**, 6, 6478-81	7.7	36
96	Construction of superhydrophilic and under-water superoleophobic carbon-based membranes for water purification. *RSC Advances*, **2016**, 6, 73399-73403	3.7	35
95	UV light-initiated RAFT polymerization induced self-assembly. *Polymer Chemistry*, **2015**, 6, 6129-6132	4.9	34
94	In situ assembly, regeneration and plasmonic immunosensing of a Au nanorod monolayer in a closed-surface flow channel. *Lab on A Chip*, **2011**, 11, 3299-304	7.2	34
93	Engineering Gold Nanoparticles in Compass Shape with Broadly Tunable Plasmon Resonances and High-Performance SERS. *ACS Applied Materials & Interfaces*, **2016**, 8, 27949-27955	9.5	33
92	Identifying the phase behavior of biodegradable poly(hexamethylene succinate-co-hexamethylene adipate) copolymers with FTIR. *Journal of Physical Chemistry B*, **2009**, 113, 2695-704	3.4	32
91	Anisotropic ionic conductivities in lyotropic supramolecular liquid crystals. *Chemical Communications*, **2009**, 7560-2	5.8	32
90	Hydrophilic/Hydrophobic Interphase-Mediated Bubble-like Stretchable Janus Ultrathin Films toward Self-Adaptive and Pneumatic Multifunctional Electronics. *ACS Nano*, **2019**, 13, 4368-4378	16.7	31
89	Humidity-Responsive Gold Aerogel for Real-Time Monitoring of Human Breath. *Langmuir*, **2018**, 34, 4908-4913		31
88	Highly active 3-dimensional cobalt oxide nanostructures on the flexible carbon substrates for enzymeless glucose sensing. *Analyst, The*, **2017**, 142, 4299-4307	5	30

87	Macroscopic two-dimensional monolayer films of gold nanoparticles: fabrication strategies, surface engineering and functional applications. *Nanoscale*, **2020**, 12, 7433-7460	7.7	30
86	Faraday-Cage-Type Electrochemiluminescence Immunoassay: A Rise of Advanced Biosensing Strategy. *Analytical Chemistry*, **2019**, 91, 14792-14802	7.8	30
85	A facile interfacial reaction route to prepare magnetic hollow spheres with tunable shell thickness. *Langmuir*, **2008**, 24, 6624-9	4	30
84	Cu-Modified Boron Nitride Nanosheets-Supported Subnanometer Gold Nanoparticles: An Oxidase-Mimicking Nanoenzyme with Unexpected Oxidation Properties. *Analytical Chemistry*, **2020**, 92, 1236-1244	7.8	30
83	Gold Nanowire Bundles Grown Radially Outward from Silicon Micropillars. *ACS Applied Materials & Interfaces*, **2015**, 7, 17582-6	9.5	29
82	Tunable scattered colors over a wide spectrum from a single nanoparticle. *Nanoscale*, **2013**, 5, 7772-5	7.7	29
81	Interesting optical variations of the etching of Au Nanobipyramid@Ag Nanorods and its application as a colorful chromogenic substrate for immunoassays. *Sensors and Actuators B: Chemical*, **2018**, 267, 502-509	8.5	28
80	Hollow Au-Ag Nanoparticles Labeled Immunochromatography Strip for Highly Sensitive Detection of Clenbuterol. *Scientific Reports*, **2017**, 7, 41419	4.9	27
79	Amplifying the signal of localized surface plasmon resonance sensing for the sensitive detection of Escherichia coli O157:H7. *Scientific Reports*, **2017**, 7, 3288	4.9	27
78	Macroscopic Ultrathin Film as Bio-Inspired Interfacial Reactor for Fabricating 2D Freestanding Janus CNTs/AuNPs Hybrid Nanosheets with Enhanced Electrical Performance. *Advanced Materials Interfaces*, **2016**, 3, 1600170	4.6	26
77	Aggregation-induced emission of tetraphenylethylene-modified polyethyleneimine for highly selective CO2 detection. *Sensors and Actuators B: Chemical*, **2016**, 228, 551-556	8.5	26
76	pH and Temperature Dual-Responsive Plasmonic Switches of Gold Nanoparticle Monolayer Film for Multiple Anticounterfeiting. *Langmuir*, **2018**, 34, 13047-13056	4	26
75	Real-Time in Situ Investigation of Supramolecular Shape Memory Process by Fluorescence Switching. *Journal of Physical Chemistry C*, **2018**, 122, 9499-9506	3.8	25
74	Au nanoparticle-loaded PDMAEMA brush grafted graphene oxide hybrid systems for thermally smart catalysis. *RSC Advances*, **2014**, 4, 44480-44485	3.7	25
73	Gold nanorods etching-based plasmonic immunoassay for qualitative and quantitative detection of aflatoxin M1 in milk. *Food Chemistry*, **2020**, 329, 127160	8.5	24
72	Macroscopic Assembly of Gold Nanorods into Superstructures with Controllable Orientations by Anisotropic Affinity Interaction. *Langmuir*, **2017**, 33, 13867-13873	4	24
71	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	15.6	24
70	Enhanced Antibacterial and Food Simulant Activities of Silver Nanoparticles/Polypropylene Nanocomposite Films. *Langmuir*, **2018**, 34, 14537-14545	4	24

69	Scalable fabrication of free-standing, stretchable CNT/TPE ultrathin composite films for skin adhesive epidermal electronics. *Journal of Materials Chemistry C*, **2018**, 6, 6666-6671	7.1	23
68	Inducing New Crystal Structures through Random Copolymerization of Biodegradable Aliphatic Polyester. *Macromolecules*, **2008**, 41, 3162-3168	5.5	23
67	Macroscopic Au@PANI Core/Shell Nanoparticle Superlattice Monolayer Film with Dual-Responsive Plasmonic Switches. *ACS Applied Materials & Interfaces*, **2020**, 12, 11296-11304	9.5	22
66	Pd-on-Au Supra-nanostructures Decorated Graphene Oxide: An Advanced Electrocatalyst for Fuel Cell Application. *Langmuir*, **2016**, 32, 8557-64	4	22
65	Co-assemblies of polydiacetylenes and metal ions for solvent sensing. *Soft Matter*, **2018**, 14, 6929-6937	3.6	21
64	Lyotropic supramolecular helical columnar phases formed by C3-symmetric and unsymmetric rigid molecules. *Chemistry - A European Journal*, **2013**, 19, 685-90	4.8	21
63	Giant Vesicles with Anchored Tiny Gold Nanowires: Fabrication and Surface-Enhanced Raman Scattering. *Langmuir*, **2017**, 33, 13376-13383	4	20
62	Concave gold nanoparticle-based highly sensitive electrochemical IgG immunobiosensor for the detection of antibody–antigen interactions. *RSC Advances*, **2015**, 5, 58478-58484	3.7	20
61	Designing a reductive hybrid membrane to selectively capture noble metallic ions during oil/water emulsion separation with further function enhancement. *Journal of Materials Chemistry A*, **2018**, 6, 10217-10225	11	20
60	Enhanced catalytic degradation of 4-NP using a superhydrophilic PVDF membrane decorated with Au nanoparticles. *RSC Advances*, **2016**, 6, 62302-62309	3.7	20
59	A lotus-inspired janus hybrid film enabled by interfacial self-assembly and in situ asymmetric modification. *Chemical Communications*, **2018**, 54, 12804-12807	5.8	20
58	Rationally Programmable Paper-Based Artificial Trees Toward Multipath Solar-Driven Water Extraction from Liquid/Solid Substrates. *Solar Rrl*, **2019**, 3, 1900004	7.1	18
57	A single-nanoparticle NO2 gas sensor constructed using active molecular plasmonics. *Chemical Communications*, **2015**, 51, 1326-9	5.8	18
56	Synthesis and Bioapplications of Ag S Quantum Dots with Near-Infrared Fluorescence. *Advanced Materials*, **2021**, 33, e2007768	24	18
55	Dialysis assisted ligand exchange on gold nanorods: Amplification of the performance of a lateral flow immunoassay for E. coli O157:H7. *Mikrochimica Acta*, **2018**, 185, 350	5.8	18
54	A water-soluble near-infrared (NIR) fluorescence activation probe for efficient detection of dissolved carbon dioxide. *Sensors and Actuators B: Chemical*, **2017**, 246, 631-637	8.5	17
53	Biofriendly and Regenerable Emotional Monitor from Interfacial Ultrathin 2D PDA/AuNPs Cross-linking Films. *ACS Applied Materials & Interfaces*, **2019**, 11, 36259-36269	9.5	17
52	Integration of a patterned conductive carbon nanotube thin film with an insulating hydrophobic polymer carpet into robust 2D Janus hybrid flexible electronics. *Journal of Materials Chemistry C*, **2016**, 4, 9750-9755	7.1	16

51	Macroscopic Orientational Gold Nanorods Monolayer Film with Excellent Photothermal Anticounterfeiting Performance. *Advanced Optical Materials*, **2020**, 8, 1902082	8.1	14
50	Spatially-controlled growth of platinum on gold nanorods with tailoring plasmonic and catalytic properties. *RSC Advances*, **2016**, 6, 10713-10718	3.7	14
49	Highly ordered, ultra long nanofibrils via the hierarchical self-assembly of ionic aromatic oligoamides. *Soft Matter*, **2013**, 9, 4642	3.6	14
48	Engineering Catalytic Interfaces in Cu/CeO-TiO Photocatalysts for Synergistically Boosting CO Reduction to Ethylene.. *ACS Nano*, **2022**,	16.7	13
47	Flexible Plasmonic Biosensors for Healthcare Monitoring: Progress and Prospects. *ACS Nano*, **2021**,	16.7	13
46	Free-Standing 2D Janus Gold Nanoparticles Monolayer Film with Tunable Bifacial Morphologies via the Asymmetric Growth at Air-Liquid Interface. *Langmuir*, **2020**, 36, 250-256	4	13
45	Asymmetrical Molecular Decoration of Gold Nanorods for Engineering of Shape-Controlled AuNR@Ag Core-Shell Nanostructures. *Langmuir*, **2019**, 35, 16900-16906	4	13
44	Regulation of Morphology and Electronic Structure of FeCoNi Layered Double Hydroxides for Highly Active and Stable Water Oxidization Catalysts. *Advanced Energy Materials*, **2021**, 11, 2102141	21.8	13
43	A paper microfluidics-based fluorescent lateral flow immunoassay for point-of-care diagnostics of non-communicable diseases. *Analyst, The*, **2019**, 144, 6291-6303	5	12
42	Tris base assisted synthesis of monodispersed citrate-capped gold nanospheres with tunable size. *RSC Advances*, **2016**, 6, 60916-60921	3.7	12
41	Ultrastretchable, Highly Transparent, Self-Adhesive, and 3D-Printable Ionic Hydrogels for Multimode Tactical Sensing. *Chemistry of Materials*, **2021**, 33, 6731-6742	9.6	12
40	One-pot synthesis of Ag nanoparticles/ZnO nanorods heterostructures for organic dyes decoloring. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 103, 118-125	5.3	11
39	Self-assembled particles of N-phthaloylchitosan-g-polycaprolactone molecular bottle brushes as carriers for controlled release of indometacin. *Journal of Materials Science: Materials in Medicine*, **2010**, 21, 557-65	4.5	11
38	Reaction-Driven Self-Assembled Micellar Nanoprobes for Ratiometric Fluorescence Detection of CS2 with High Selectivity and Sensitivity. *ACS Applied Materials & Interfaces*, **2016**, 8, 20100-9	9.5	10
37	Instant interfacial self-assembly for homogeneous nanoparticle monolayer enabled conformal "lift-on" thin film technology.. *Science Advances*, **2021**, 7, eabk2852	14.3	10
36	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	1.8	9
35	Controlled evaporative self-assembly of Fe3O4 nanoparticles assisted by an external magnetic field. *RSC Advances*, **2015**, 5, 31519-31524	3.7	9
34	Heterogemini surfactant assisted synthesis of monodisperse icosahedral gold nanocrystals and their applications in electrochemical biosensing. *RSC Advances*, **2016**, 6, 31301-31307	3.7	8

33	Preparation of size-tunable, highly monodisperse particles by self-assembly of N-phthaloylchitosan-g-polycaprolactone molecular bottle brushes. *Materials Letters*, **2009**, 63, 1416-1418	3.3	8
32	Fluorescent microsphere probe for rapid qualitative and quantitative detection of trypsin activity. *Nanoscale Advances*, **2019**, 1, 162-167	5.1	7
31	Close-packed assemblies of discrete tiny silver nanoparticles on triangular gold nanoplates as a high performance SERS probe. *RSC Advances*, **2015**, 5, 94849-94854	3.7	7
30	Fabricating a morphology tunable patterned bio-inspired polydopamine film directly via microcontact printing. *RSC Advances*, **2015**, 5, 60990-60992	3.7	7
29	Macroscopic-Oriented Gold Nanorods in Polyvinyl Alcohol Films for Polarization-Dependent Multicolor Displays. *Advanced Materials Interfaces*, **2018**, 5, 1800026	4.6	7
28	Multiplexed Biomolecular Detection Based on Single Nanoparticles Immobilized on Pneumatically Controlled Microfluidic Chip. *Plasmonics*, **2014**, 9, 801-807	2.4	7
27	Frustrated structures of polycaprolactam and poly(p-benzamide) in their rod□coil□od triblock copolymers. *Polymer*, **2010**, 51, 232-239	3.9	7
26	Air/Water Interfacial Formation of □lean□ Tiny AuNPs Anchored Densely on CNT Film for Electrocatalytic Alcohol Oxidation. *Advanced Materials Interfaces*, **2017**, 4, 1601105	4.6	6
25	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	2.9	6
24	Fast scan voltammetry-derived ultrasensitive Faraday cage-type electrochemical immunoassay for large-size targets. *Biosensors and Bioelectronics*, **2020**, 163, 112277	11.8	6
23	Facile Synthesis of Uniform Raspberry-Like Gold Nanoparticles for High Performance Surface Enhanced Raman Scattering. *Journal of Nanoscience and Nanotechnology*, **2016**, 16, 5683-8	1.3	6
22	3D Graphene Oxide Micropatterns Achieved by Roller-Assisted Microcontact Printing Induced Interface Integral Peel and Transfer. *Advanced Materials Interfaces*, **2017**, 4, 1600867	4.6	5
21	Controlled evaporative self-assembly of poly(acrylic acid) in a confined geometry for fabricating patterned polymer brushes. *Langmuir*, **2014**, 30, 4863-7	4	5
20	Multiscale fibers via supramolecular self-assembly of a fully rigid, discotic aromatic aramid molecule. *European Polymer Journal*, **2013**, 49, 1682-1687	5.2	5
19	Structure of polyamide 6 and poly (p-benzamide) in their rod-coil-rod triblock copolymers investigated with in situ wide angle X-ray diffraction. *Polymer*, **2011**, 52, 1197-1205	3.9	5
18	Synthesis of Janus Au@BCP nanoparticles via UV light-initiated RAFT polymerization-induced self-assembly. *Nanoscale Advances*, **2021**, 3, 347-352	5.1	5
17	Direct supramolecular interacted graphene oxide assembly on graphene as an active and defect-free functional platform. *Chemical Communications*, **2017**, 53, 1949-1952	5.8	4
16	Programmable Interface Asymmetric Integration of Carbon Nanotubes and Gold Nanoparticles toward Flexible, Configurable, and Surface-Enhanced Raman Scattering Active All-In-One Solar-Driven Evaporators. *Energy Technology*, **2019**, 7, 1900787	3.5	4

15	Silver Nanoplates and Gold Nanospheres as Probesfor Revealing an Interference Phenomenon in a Simultaneous Quantitative Immunochromatographic Assay. *Food Analytical Methods*, **2019**, 12, 1666-1673	3.4	4
14	Actuators: Bioinspired Anisotropic Hydrogel Actuators with On/Off Switchable and Color-Tunable Fluorescence Behaviors (Adv. Funct. Mater. 7/2018). *Advanced Functional Materials*, **2018**, 28, 1870043	15.6	4
13	ZIF-8 derived TiO2/ZnO heterostructure decorated with AgNPs as SERS sensor for sensitive identification of trace pesticides. *Journal of Alloys and Compounds*, **2022**, 901, 163675	5.7	4
12	Semi-quantitative detection of p-Aminophenol in real samples with colorfully naked-eye assay. *Sensors and Actuators B: Chemical*, **2021**, 334, 129604	8.5	4
11	DNA precisely regulated Au nanorods/Ag2S quantum dots satellite structure for ultrasensitive detection of prostate cancer biomarker. *Sensors and Actuators B: Chemical*, **2021**, 347, 130585	8.5	4
10	Air/water interfacial growth of Pt nanothorns anchored in situ on macroscopic freestanding CNT thin film for efficient methanol oxidation. *New Journal of Chemistry*, **2019**, 43, 6063-6068	3.6	3
9	A new three-dimensional (3D) multilayer organic material: synthesis, swelling, exfoliation, and application. *Langmuir*, **2013**, 29, 3813-20	4	3
8	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	5.6	3
7	Surface-floating gold nanorod super-aggregates with macroscopic uniformity. *Nano Research*, **2018**, 11, 2379-2391	10	2
6	Temperature-Dependent Self-Assembly/Disassembly of Gold Nanoparticles Oligomers. *Journal of Nanoscience and Nanotechnology*, **2016**, 16, 5829-32	1.3	2
5	A direct microcontact printing induced supramolecular interaction for creating shape-tunable patterned polymeric surfaces. *Journal of Materials Chemistry C*, **2015**, 3, 8659-8664	7.1	1
4	Laser ablation of block copolymers with hydrogen-bonded azobenzene derivatives. *Frontiers of Chemical Science and Engineering*, **2018**, 12, 450-456	4.5	1
3	Fluorescent Nanoscale Covalent Organic Frameworks with the Theoretically Matched Redox Potential of Fe3+/Fe2+ for Monitoring of Adenosine-5?-Triphosphate in Cells. *ACS Applied Nano Materials*,	5.6	1
2	Counterion-Induced Nanosheet-to-Nanofilament Transition of Lyotropic Bent-Core Liquid Crystals. *Langmuir*, **2018**, 34, 13006-13013	4	0
1	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). *Advanced Functional Materials*, **2015**, 25, 2479-2479	15.6	