

# Jin Ouyang

## List of Publications by Year in descending order

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141  
papers

3,418  
citations

136740

32  
h-index

189595

50  
g-index

144  
all docs

144  
docs citations

144  
times ranked

4523  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinguish cancer cells based on targeting turn-on fluorescence imaging by folate functionalized green emitting carbon dots. <i>Biosensors and Bioelectronics</i> , 2015, 64, 119-125.	5.3	142
2	A Visual Sensor Array for Pattern Recognition Analysis of Proteins Using Novel Blue-Emitting Fluorescent Gold Nanoclusters. <i>Analytical Chemistry</i> , 2014, 86, 11634-11639.	3.2	134
3	Sequence-Dependent dsDNA-Templated Formation of Fluorescent Copper Nanoparticles. <i>Chemistry - A European Journal</i> , 2015, 21, 2417-2422.	1.7	105
4	High-throughput and tunable synthesis of colloidal CsPbX <sub>3</sub> perovskite nanocrystals in a heterogeneous system by microwave irradiation. <i>Chemical Communications</i> , 2017, 53, 9914-9917.	2.2	96
5	Dual-emission fluorescent sensor based on AIE organic nanoparticles and Au nanoclusters for the detection of mercury and melamine. <i>Nanoscale</i> , 2015, 7, 8457-8465.	2.8	87
6	Recent developments of enantioseparation techniques for adrenergic drugs using liquid chromatography and capillary electrophoresis: A review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 862, 1-14.	1.2	74
7	A fluorescent aptasensor for amplified label-free detection of adenosine triphosphate based on core-shell Ag@SiO <sub>2</sub> nanoparticles. <i>Biosensors and Bioelectronics</i> , 2016, 77, 237-241.	5.3	72
8	A nuclease-assisted label-free aptasensor for fluorescence turn-on detection of ATP based on the in situ formation of copper nanoparticles. <i>Biosensors and Bioelectronics</i> , 2017, 87, 760-763.	5.3	72
9	Near-Infrared-Fluorescent Probes for Bioapplications Based on Silica-Coated Gold Nanobipyramids with Distance-Dependent Plasmon-Enhanced Fluorescence. <i>Analytical Chemistry</i> , 2016, 88, 11062-11069.	3.2	71
10	On the use of dispersed nanoparticles modified with single layer $\beta$ -cyclodextrin as chiral selector to enhance enantioseparation of clenbuterol with capillary electrophoresis. <i>Talanta</i> , 2006, 69, 866-872.	2.9	70
11	A highly sensitive "switch-on" fluorescent probe for protein quantification and visualization based on aggregation-induced emission. <i>Chemical Communications</i> , 2012, 48, 7395.	2.2	70
12	The use of silica nanoparticles for gas chromatographic separation. <i>Journal of Chromatography A</i> , 2011, 1218, 4552-4558.	1.8	69
13	Enhanced separation of purine and pyrimidine bases using carboxylic multiwalled carbon nanotubes as additive in capillary zone electrophoresis. <i>Electrophoresis</i> , 2006, 27, 3243-3253.	1.3	65
14	Chiral separation of four fluoroquinolone compounds using capillary electrophoresis with hydroxypropyl- $\beta$ -cyclodextrin as chiral selector. <i>Journal of Chromatography A</i> , 2006, 1130, 296-301.	1.8	64
15	Plasmon-Enhanced Fluorescence-Based Core-Shell Gold Nanorods as a Near-IR Fluorescent Turn-On Sensor for the Highly Sensitive Detection of Pyrophosphate in Aqueous Solution. <i>Advanced Functional Materials</i> , 2015, 25, 7017-7027.	7.8	63
16	Color- and Morphology-Controlled Self-Assembly of New Electron-Donor-Substituted Aggregation-Induced Emission Compounds. <i>Langmuir</i> , 2014, 30, 2351-2359.	1.6	59
17	Solvatochromism, Reversible Chromism and Self-Assembly Effects of Heteroatom-Assisted Aggregation-Induced Enhanced Emission (AIEE) Compounds. <i>Chemistry - A European Journal</i> , 2015, 21, 13983-13990.	1.7	57
18	Direct analysis of in-gel proteins by carbon nanotubes-modified paper spray ambient mass spectrometry. <i>Analyst</i> , 2015, 140, 710-715.	1.7	56

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19	Use of polystyrene nanoparticles to enhance enantiomeric separation of propranolol by capillary electrophoresis with Hp-beta-CD as chiral selector. <i>Analytica Chimica Acta</i> , 2004, 527, 139-147.	2.6	52
20	Plasma-Assisted Cataluminescence Sensor Array for Gaseous Hydrocarbons Discrimination. <i>Analytical Chemistry</i> , 2012, 84, 4830-4836.	3.2	52
21	Melanosome-Targeting Near-Infrared Fluorescent Probe with Large Stokes Shift for in Situ Quantification of Tyrosinase Activity and Assessing Drug Effects on Differently Invasive Melanoma Cells. <i>Analytical Chemistry</i> , 2018, 90, 6206-6213.	3.2	52
22	Excited Oxidized-Carbon Nanodots Induced by Ozone from Low-Temperature Plasma to Initiate Strong Chemiluminescence for Fast Discrimination of Metal Ions. <i>Analytical Chemistry</i> , 2016, 88, 7660-7666.	3.2	48
23	Multifunctional core-shell upconversion nanoparticles for targeted tumor cells induced by near-infrared light. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2757.	2.9	41
24	Sandwich DNA Hybridization Fluorescence Resonance Energy-Transfer Strategy for miR-122 Detection by Core-shell Upconversion Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25621-25628.	4.0	41
25	An Acetone Sensor Based on Plasma-Assisted Cataluminescence and Mechanism Studies by Online Ionizations. <i>Analytical Chemistry</i> , 2019, 91, 15763-15768.	3.2	41
26	Serum Free Hemoglobin Concentrations in Healthy Individuals Are Related to Haptoglobin Type. <i>Clinical Chemistry</i> , 2005, 51, 1754-1755.	1.5	40
27	Tough and super-resilient hydrogels synthesized by using peroxidized polymer chains as polyfunctional initiating and cross-linking centers. <i>Soft Matter</i> , 2013, 9, 2837.	1.2	40
28	Metabolic Discrimination of Breast Cancer Subtypes at the Single-Cell Level by Multiple Microextraction Coupled with Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 3667-3674.	3.2	39
29	Target-triggered Assembly of Nanogap Antennas to Enhance the Fluorescence of Single Molecules and Their Application in MicroRNA Detection. <i>Small</i> , 2020, 16, e2000460.	5.2	39
30	Application of fluorescent carbon nanodots in fluorescence imaging of human serum proteins. <i>Journal of Materials Chemistry B</i> , 2013, 1, 787-792.	2.9	38
31	Integrating Near-Infrared Visual Fluorescence with a Photoelectrochemical Sensing System for Dual Readout Detection of Biomolecules. <i>Analytical Chemistry</i> , 2021, 93, 3486-3492.	3.2	37
32	Self-assembly of diphenylalanine peptides into microtubes with fluorescence using an aggregation-induced emission molecule. <i>Chemical Communications</i> , 2013, 49, 10076.	2.2	36
33	An aggregation-induced emission-based fluorescent chemosensor of aluminium ions. <i>RSC Advances</i> , 2014, 4, 35459.	1.7	35
34	Chemiluminescent Image Detection of Haptoglobin Phenotyping after Polyacrylamide Gel Electrophoresis. <i>Analytical Chemistry</i> , 2004, 76, 2997-3004.	3.2	32
35	Fluorescence resonance energy transfer-based nanomaterials for the sensing in biological systems. <i>Chinese Chemical Letters</i> , 2022, 33, 4505-4516.	4.8	32
36	Enantiomeric separation of $\beta$ -blockers by HPLC using (R)-1-naphthylglycine and 3,5-dinitrobenzoic acid as chiral stationary phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 1047-1057.	1.4	31

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37	Simultaneous separation of eight $\beta$ -adrenergic drugs using titanium dioxide nanoparticles as additive in capillary electrophoresis. <i>Electrophoresis</i> , 2008, 29, 2321-2329.	1.3	31
38	Room-temperature cataluminescence from CO oxidation in a non-thermal plasma-assisted catalysis system. <i>Journal of Hazardous Materials</i> , 2015, 293, 1-6.	6.5	29
39	Plasmon-Enhanced Fluorescent Sensor based on Aggregation-Induced Emission for the Study of Protein Conformational Transformation. <i>Advanced Functional Materials</i> , 2019, 29, 1807211.	7.8	29
40	Use of nanomaterials in capillary and microchip electrophoresis. <i>Expert Review of Proteomics</i> , 2007, 4, 287-298.	1.3	28
41	Separation of purine and pyrimidine bases by ion chromatography with direct conductivity detection. <i>Journal of Chromatography A</i> , 2008, 1193, 104-108.	1.8	28
42	Design and Application of Anthracene Derivative with Aggregation-Induced Emission Characteristics for Visualization and Monitoring of Erythropoietin Unfolding. <i>Langmuir</i> , 2013, 29, 1956-1962.	1.6	28
43	Determination of $\beta_2$ -agonists by ion chromatography with direct conductivity detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 166-172.	1.4	26
44	Direct CdTe Quantum-Dot-Based Fluorescence Imaging of Human Serum Proteins. <i>Small</i> , 2010, 6, 1589-1592.	5.2	26
45	Rapid trace level determination of sulfonamide residues in honey with online extraction using short C-18 column by high-performance liquid chromatography with fluorescence detection. <i>Journal of Chromatography A</i> , 2013, 1314, 173-179.	1.8	26
46	Chemiluminescence Resonance Energy Transfer-Based Mesoporous Silica Nanosensors for the Detection of miRNA. <i>ACS Sensors</i> , 2020, 5, 2800-2805.	4.0	25
47	Application of carbon nanotube-matrix assistant native polyacrylamide gel electrophoresis to the separation of apolipoprotein A-I and complement C3. <i>Analytica Chimica Acta</i> , 2006, 557, 137-145.	2.6	24
48	Detection of p53 DNA using commercially available personal glucose meters based on rolling circle amplification coupled with nicking enzyme signal amplification. <i>Analytica Chimica Acta</i> , 2019, 1060, 64-70.	2.6	23
49	The application of Au nanoclusters in the fluorescence imaging of human serum proteins after native PAGE: Enhancing detection by low-temperature plasma treatment. <i>Biosensors and Bioelectronics</i> , 2012, 35, 313-318.	5.3	22
50	A highly sensitive $\alpha$ -fetoprotein-fluorescent sensor for the detection of human serum proteins based on the size exclusion of the polyacrylamide gel. <i>Electrophoresis</i> , 2014, 35, 546-553.	1.3	22
51	Dual-Functional Nanoparticles for In Situ Sequential Detection and Imaging of ATP and $H_2O_2$ . <i>Small</i> , 2016, 12, 3920-3924.	5.2	22
52	A Fluorescence Light-Up Silver Nanocluster Beacon Modulated by Metal Ions and Its Application in Telomerase Activity Detection. <i>Chemistry - A European Journal</i> , 2019, 25, 3598-3605.	1.7	22
53	Multifunctional up-converting nanocomposites with multimodal imaging and photosensitization at near-infrared excitation. <i>Journal of Materials Chemistry</i> , 2012, 22, 24597.	6.7	21
54	FAD roles in glucose catalytic oxidation studied by multiphase flow of extractive electrospray ionization (MF-EESI) mass spectrometry. <i>Chemical Science</i> , 2018, 9, 594-599.	3.7	21

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55	Unique SiO <sub>2</sub> Nanourchins Enable Amplification in Living Cells for In Situ Imaging of mRNAs. <i>Advanced Functional Materials</i> , 2018, 28, 1803286.	7.8	20
56	Mannose Promotes Metabolic Discrimination of Osteosarcoma Cells at Single-Cell Level by Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 2690-2696.	3.2	20
57	Radical-Mediated Spin-Transfer on Gold Nanoclusters Driven an Unexpected Luminescence for Protein Discrimination. <i>Analytical Chemistry</i> , 2017, 89, 11183-11188.	3.2	19
58	High-throughput detection of drugs binding to proteins using desorption electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 794, 60-66.	2.6	18
59	Recent development and application of cataluminescence-based sensors. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2839-2859.	1.9	18
60	Hydrophobicity-induced prestaining for protein detection in polyacrylamide gel electrophoresis. <i>Chemical Communications</i> , 2016, 52, 2807-2810.	2.2	17
61	A "Soft" and "Hard" Ionization Method for Comprehensive Studies of Molecules. <i>Analytical Chemistry</i> , 2018, 90, 14095-14099.	3.2	17
62	Ultrasensitive detection of prostate specific antigen using a personal glucose meter based on DNA-mediated immunoreaction. <i>Analyst</i> , 2019, 144, 6019-6024.	1.7	17
63	A catalytic"regulated gold nanorods etching process as a receptor with multiple readouts for protein detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 318, 128215.	4.0	16
64	Novel Application of Carbon Nanotubes for Improving Resolution in Detecting Human Serum Proteins with Native Polyacrylamide Gel Electrophoresis. <i>Nano Letters</i> , 2009, 9, 1320-1324.	4.5	15
65	Real-time analysis of self-assembled nucleobases by Venturi easy ambient sonic-spray ionization mass spectrometry. <i>Talanta</i> , 2014, 128, 366-372.	2.9	15
66	Accelerated crystallization and encapsulation for the synthesis of water- and oxygen-resistant perovskite nanoparticles in micro-droplets. <i>Nanoscale</i> , 2019, 11, 11093-11098.	2.8	15
67	Biodegradable nanosyringes for intracellular amplification-based dual-diagnosis and gene therapy in single living cells. <i>Chemical Science</i> , 2019, 10, 6113-6119.	3.7	15
68	Multi-Dimensionally Extended Functionalization Innovates to an Entropy-Driven Detection of Multi-miRNAs for One-Step Cancer Screening and Diagnosis in Living Cells. <i>Analytical Chemistry</i> , 2020, 92, 8125-8132.	3.2	15
69	Spatiotemporally Controlled DNA Nanoclamps: Single-Molecule Imaging of Receptor Protein Oligomerization. <i>Analytical Chemistry</i> , 2021, 93, 14514-14520.	3.2	15
70	SiRNA-templated 3D framework nucleic acids for chemotactic recognition, and programmable and visualized precise delivery for synergistic cancer therapy. <i>Chemical Science</i> , 2021, 12, 15353-15361.	3.7	15
71	Direct chemiluminescent imaging detection of serum proteins in polyacrylamide gels. <i>Analytica Chimica Acta</i> , 2003, 497, 83-92.	2.6	14
72	Non-destructive and in situ identification of rice paper, seals and pigments by FT-IR and XRD spectroscopy. <i>Talanta</i> , 2004, 64, 1000-1008.	2.9	14

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73	Cyanide Distribution in Human Tissue, Determined by GC/ECD/HS. <i>Analytical Letters</i> , 2005, 38, 247-256.	1.0	14
74	Novel Application of Ag Nanoclusters in Fluorescent Imaging of Human Serum Proteins after Native Polyacrylamide Gel Electrophoresis (PAGE). <i>Chemistry - A European Journal</i> , 2012, 18, 1432-1437.	1.7	14
75	Dual-modal imaging and photodynamic therapy using upconversion nanoparticles for tumor cells. <i>Analyst</i> , 2014, 139, 6414-6420.	1.7	14
76	A versatile single-molecule counting-based platform by generation of fluorescent silver nanoclusters for sensitive detection of multiple nucleic acids. <i>Nanoscale</i> , 2019, 11, 16606-16613.	2.8	14
77	Study of the noncovalent interactions between phenolic acid and lysozyme by cold spray ionization mass spectrometry (CSI-MS), multi-spectroscopic and molecular docking approaches. <i>Talanta</i> , 2020, 211, 120762.	2.9	14
78	Fast haptoglobin phenotyping based on microchip electrophoresis. <i>Talanta</i> , 2011, 85, 333-338.	2.9	13
79	The Application of Amine-terminated Silicon Quantum Dots on the Imaging of Human Serum Proteins after Polyacrylamide Gel Electrophoresis (PAGE). <i>Chemistry - A European Journal</i> , 2012, 18, 1438-1443.	1.7	13
80	A simpler sampling interface of venturi easy ambient sonic-spray ionization mass spectrometry for high-throughput screening enzyme inhibitors. <i>Analytica Chimica Acta</i> , 2016, 913, 86-93.	2.6	13
81	Silica-coated triangular gold nanoprisms as distance-dependent plasmon-enhanced fluorescence-based probes for biochemical applications. <i>Nanoscale</i> , 2016, 8, 18150-18160.	2.8	13
82	Core-shell gold nanocubes for point mutation detection based on plasmon-enhanced fluorescence. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5329-5335.	2.9	13
83	A label-free fluorometric assay for actin detection based on enzyme-responsive DNA-templated copper nanoparticles. <i>Talanta</i> , 2017, 174, 444-447.	2.9	12
84	Target-triggered and controlled release plasmon-enhanced fluorescent AIE probe for conformational monitoring of insulin fibrillation. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5128-5135.	2.9	12
85	Particle-in-a-frame gold nanomaterials with an interior nanogap-based sensor array for versatile analyte detection. <i>Chemical Communications</i> , 2021, 57, 4520-4523.	2.2	11
86	Monitoring of electrochemical reactions on different electrode configurations by ambient mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116180.	5.8	11
87	Copper(II)-Alizarin Red S Complex as an Efficient Chemiluminescent Probe for the Detection of Human Serum Proteins after Polyacrylamide Gel Electrophoresis. <i>Journal of Proteome Research</i> , 2008, 7, 5075-5081.	1.8	10
88	Monitoring binding affinity between drug and $\alpha$ 1-acid glycoprotein in real time by Venturi easy ambient sonic-spray ionization mass spectrometry. <i>Talanta</i> , 2015, 143, 240-244.	2.9	10
89	Aggregation-induced emission compounds as new assisted matrices for laser desorption/ionization time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 853, 375-383.	2.6	10
90	DNA Three-Way Junction for Differentiation of Single-Nucleotide Polymorphisms with Fluorescent Copper Nanoparticles. <i>Chemistry - A European Journal</i> , 2017, 23, 6979-6982.	1.7	10

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91	Metal-DNA coordination based bioinspired hybrid nanospheres for <i>in situ</i> amplification and sensing of microRNA. <i>Journal of Materials Chemistry B</i> , 2020, 8, 11074-11081.	2.9	10
92	A SIMPLE METHOD FOR CHIRAL SEPARATION OF EPHEDRINES USING (R)-1-NAPHTHYLGLYCINE AND 3,5-DINITROBENZOIC ACID AS STATIONARY PHASE. <i>Analytical Letters</i> , 2001, 34, 1851-1864.	1.0	9
93	A simple method for the study of salbutamol pharmacokinetics by ion chromatography with direct conductivity detection. <i>Talanta</i> , 2004, 65, 1-6.	2.9	9
94	Direct chemiluminescent imaging detection of human serum proteins in two-dimensional polyacrylamide gel electrophoresis. <i>Proteomics</i> , 2007, 7, 3481-3490.	1.3	9
95	Carbon nanotubes-assisted polyacrylamide gel electrophoresis for enhanced separation of human serum proteins and application in liverish diagnosis. <i>Journal of Separation Science</i> , 2010, 33, 3393-3399.	1.3	9
96	Applications of multifunctional magnetic nanoparticles for the enrichment of proteins for PAGE separation. <i>Electrophoresis</i> , 2011, 32, 2091-2098.	1.3	9
97	Salicylaldehyde azine cluster formation observed by cold-spray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013, 48, 961-968.	0.7	9
98	Using metal nanoparticles as a visual sensor for the discrimination of proteins. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3531-3537.	2.9	9
99	A plasma-assisted cataluminescence sensor for ethyne detection. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8843-8850.	1.9	9
100	Droplet-based extraction mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116366.	5.8	9
101	A rationally designed triple-qualitative and double-quantitative high precision multi-signal readout sensing platform. <i>Sensors and Actuators B: Chemical</i> , 2022, 360, 131663.	4.0	9
102	High Throughput Screening of High-Affinity Ligands for Proteins with Anion-Binding Sites using Desorption Electrospray Ionization (DESI) Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 454-463.	1.2	8
103	Flow-injection with enhanced evaporative light scattering detector detection and quantification of human serum albumin using gold nanoparticles. <i>Analytical Methods</i> , 2015, 7, 3185-3192.	1.3	8
104	Observation of intermediates by online mass spectrometry to demonstrate the multiple mechanisms of dye-sensitized photocatalysis. <i>Chemical Communications</i> , 2021, 57, 3921-3924.	2.2	8
105	Direct chemiluminescent imaging detection of Cu/Zn-superoxidase dismutase, glutathione peroxidase, carbonic anhydrase-III, and catalase in rat liver cytosol separated by native porous gradient polyacrylamide gel electrophoresis. <i>Electrophoresis</i> , 2005, 26, 4260-4269.	1.3	7
106	Development of sensitive metalloporphyrin probes for chemiluminescent imaging detection of serum proteins. <i>Electrophoresis</i> , 2009, 30, 3034-3040.	1.3	7
107	Chemiluminescence-based detection technologies for biomolecules, mainly in gel electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 961-972.	5.8	7
108	TEMED Enhanced Photoluminescent Imaging Detection of Proteins in Human Serum Using Quantum Dots after PAGE. <i>Journal of Proteome Research</i> , 2010, 9, 5574-5581.	1.8	7



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109	Ultrasensitive detection of ferritin in human serum by Western blotting based on quantum dots labeled avidin-biotin system. <i>Proteomics</i> , 2011, 11, 3510-3517.	1.3	7
110	The Characterization of Self-Assembled Monolayers on Copper Surfaces by Low-Temperature Plasma Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1271-1278.	1.2	7
111	Accelerating ambient soft-landing for the separation of aggregation-induced emission luminogens with unique properties. <i>Talanta</i> , 2019, 197, 36-41.	2.9	7
112	Understanding of TEMPO-electrocatalyzed acceptorless dehydrogenation of tetrahydroquinoline by <i>in situ</i> extractive electrospray ionization mass spectrometry. <i>Chemical Communications</i> , 2021, 57, 2955-2958.	2.2	7
113	One-Step Prepared Water-Resistant Organic-Inorganic Hybrid Perovskite Quantum Dots with Zn-Oxygen Vacancies for Attempts at Nitrogen Fixation. <i>Small</i> , 2021, 17, e2103773.	5.2	7
114	Modular and hierarchical self-assembly of siRNAs into supramolecular nanomaterials for soft and homogeneous siRNA loading and precise and visualized intracellular delivery. <i>Chemical Science</i> , 2022, 13, 8657-8666.	3.7	7
115	Investigation of patinas formed on Chinese bronzes using modern multianalytical techniques. <i>Surface and Interface Analysis</i> , 2007, 39, 775-782.	0.8	6
116	A novel $[Ag(NH_3)_3]_2^{+}$ probe for chemiluminescent imaging detection of proteins after polyacrylamide gel electrophoresis. <i>Proteomics</i> , 2007, 7, 2511-2521.	1.3	6
117	On-line microheterogeneity analysis and rapid phenotyping of haptoglobin by capillary electrophoresis using sodium dodecyl sulfate as additive. <i>Journal of Chromatography A</i> , 2010, 1217, 405-410.	1.8	6
118	Detection of layer-by-layer self-assembly multilayer films by low-temperature plasma mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013, 48, 172-178.	0.7	6
119	Controlled self-assembly of CdTe quantum dots into different microscale dendrite structures by using proteins as templates. <i>Journal of Materials Chemistry A</i> , 2013, 1, 15082.	5.2	6
120	Colloidal Au nanoparticle-based return on fluorescence imaging for in-gel protein detection. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2654.	2.9	6
121	In-situ nanoelectrospray for high-throughput screening of enzymes and real-time monitoring of reactions. <i>Analytica Chimica Acta</i> , 2016, 902, 135-141.	2.6	6
122	A comparative study of plasmonic-enhanced single-molecule fluorescence induced by gold nanoantennas and its application for illuminating telomerase. <i>Chemical Communications</i> , 2017, 53, 5633-5636.	2.2	6
123	Detection of glutathione, cysteine, and homocysteine by online derivatization-based electrospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9291.	0.7	6
124	Screening of the Binding of Small Molecules to Proteins by Desorption Electrospray Ionization Mass Spectrometry Combined with Protein Microarray. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 1950-1958.	1.2	5
125	Study of the noncovalent interactions of ginsenosides and amyloid peptide by CSI-MS and molecular docking. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4463.	0.7	5
126	Visualizations of Mercury Methylation and Dynamic Transformations by In Vivo Imaging. <i>Small</i> , 2020, 16, e2000072.	5.2	5



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127	Multifunctional Spiky Topological Nanocapsules for the Discrimination and Differential Inhibition of Inflammation and Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 25727-25737.	4.0	5
128	Accelerated plasma degradation of organic pollutants in milliseconds and examinations by mass spectrometry. <i>Chinese Chemical Letters</i> , 2021, 32, 3457-3457.	4.8	5
129	Label- and enzyme-free plasmon-enhanced single molecule fluorescence detection of HIV DNA fragments based on a catalytic hairpin assembly. <i>Analyst, The</i> , 2022, 147, 604-613.	1.7	5
130	A novel probe for chemiluminescent image detection of proteins in two-dimensional gel electrophoresis. <i>Electrophoresis</i> , 2008, 29, 716-725.	1.3	4
131	Simultaneous Separation and Determination of Different Polar Flavonoids in Multiflora Fruit by Reverse-Phase High-Performance Liquid Chromatography. <i>Analytical Letters</i> , 2009, 42, 1136-1147.	1.0	4
132	A Novel Probe Au(III) for Chemiluminescent Image Detection of Protein Blots on Nitrocellulose Membranes. <i>Journal of Proteome Research</i> , 2008, 7, 1884-1890.	1.8	2
133	A simple cellulose acetate membrane-based small lanes technique for protein electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 753-762.	1.9	2
134	Sequencing of Small DNA Fragments with Aggregated-Induced-Emission Molecule-Labeled Nucleotides. <i>Analytical Chemistry</i> , 2020, 92, 7179-7185.	3.2	2
135	Effects of N,N,N',N'-tetramethylethylenediamine on the properties of CdTe quantum dots. <i>Journal of Materials Chemistry</i> , 2011, 21, 13299.	6.7	1
136	Direct monitoring changes of salbutamol concentration in serum by chemiluminescent imaging. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2089-2094.	1.2	1
137	Mechanism study on the abnormal accumulation and deposition of islet amyloid polypeptide by cold-spray ionization mass spectrometry. <i>Analyst, The</i> , 2020, 145, 7289-7296.	1.7	1
138	âŠŸèf1/2â€–â°CEæ°Sâ€–çj...ç³ç±³ææ–™âœ`è,ç~æ²»ç—é†áŸŸçš,,â°”ç””. <i>Chinese Science Bulletin</i> , 2022, , .	0.4	1
139	Synthesis and Characteristics of Self-Assembled Multifunctional Ln <sup>3+</sup> â€DNA Hybrid Coordination Polymers. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	1
140	TEMED Enhanced Photoluminescent Imaging of Human Serum Proteins by Quantum Dots After PAGE. <i>Methods in Molecular Biology</i> , 2018, 1853, 105-114.	0.4	0
141	In Situ H <sub>2</sub> O Meter by Visualization in Hydrogels. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 19307-19312.	4.0	0