

Jin Ouyang

List of Publications by Year in Descending Order

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

137
papers

2,753
citations

29
h-index

45
g-index

144
ext. papers

3,078
ext. citations

6.4
avg, IF

5.29
L-index

#	Paper	IF	Citations
137	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 ,	5	2
136	Detection of Glutathione, Cysteine and Homocysteine by Online Derivatization-based Electrospray Mass Spectrometry.. <i>Rapid Communications in Mass Spectrometry</i> , 2022 , e9291	2.2	1
135	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	8.5	1
134	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	11	4
133	Spatiotemporally Controlled DNA Nanoclamps: Single-Molecule Imaging of Receptor Protein Oligomerization. <i>Analytical Chemistry</i> , 2021 , 93, 14514-14520	7.8	3
132	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	9.4	2
131	Multifunctional Spiky Topological Nanocapsules for the Discrimination and Differential Inhibition of Inflammation and Cancer. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 25727-25737	9.5	1
130	Accelerated plasma degradation of organic pollutants in milliseconds and examinations by mass spectrometry. <i>Chinese Chemical Letters</i> , 2021 , 32, 3457-3457	8.1	1
129	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	5.8	2
128	Understanding of TEMPO-electrocatalyzed acceptorless dehydrogenation of tetrahydroquinoline by extractive electrospray ionization mass spectrometry. <i>Chemical Communications</i> , 2021 , 57, 2955-2958	5.8	4
127	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	7.3	3
126	Integrating Near-Infrared Visual Fluorescence with a Photoelectrochemical Sensing System for Dual Readout Detection of Biomolecules. <i>Analytical Chemistry</i> , 2021 , 93, 3486-3492	7.8	11
125	Monitoring of electrochemical reactions on different electrode configurations by ambient mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 135, 116180	14.6	6
124	Droplet-based extraction mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 143, 116366	14.6	0
123	Observation of intermediates by online mass spectrometry to demonstrate the multiple mechanisms of dye-sensitized photocatalysis. <i>Chemical Communications</i> , 2021 , 57, 3921-3924	5.8	1
122	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	8.5	12
121	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	7.8	5

120	In Situ HO Meter by Visualization in Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 19307-19312		
119	Visualizations of Mercury Methylation and Dynamic Transformations by In Vivo Imaging. <i>Small</i> , 2020 , 16, e2000072	11	2
118	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	6.2	6
117	Sequencing of Small DNA Fragments with Aggregated-Induced-Emission Molecule-Labeled Nucleotides. <i>Analytical Chemistry</i> , 2020 , 92, 7179-7185	7.8	2
116	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	11	23
115	Study of the noncovalent interactions of ginsenosides and amyloid- β peptide by CSI-MS and molecular docking. <i>Journal of Mass Spectrometry</i> , 2020 , 55, e4463	2.2	5
114	Mannose Promotes Metabolic Discrimination of Osteosarcoma Cells at Single-Cell Level by Mass Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 2690-2696	7.8	11
113	Metal-DNA coordination based bioinspired hybrid nanospheres for amplification and sensing of microRNA. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 11074-11081	7.3	3
112	Chemiluminescence Resonance Energy Transfer-Based Mesoporous Silica Nanosensors for the Detection of miRNA. <i>ACS Sensors</i> , 2020 , 5, 2800-2805	9.2	11
111	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	5	1
110	Ultrasensitive detection of prostate specific antigen using a personal glucose meter based on DNA-mediated immunoreaction. <i>Analyst, The</i> , 2019 , 144, 6019-6024	5	12
109	Plasmon-Enhanced Fluorescent Sensor based on Aggregation-Induced Emission for the Study of Protein Conformational Transformation. <i>Advanced Functional Materials</i> , 2019 , 29, 1807211	15.6	17
108	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	7.8	21
107	Accelerated crystallization and encapsulation for the synthesis of water- and oxygen-resistant perovskite nanoparticles in micro-droplets. <i>Nanoscale</i> , 2019 , 11, 11093-11098	7.7	9
106	Biodegradable nanosyringes for intracellular amplification-based dual-diagnosis and gene therapy in single living cells. <i>Chemical Science</i> , 2019 , 10, 6113-6119	9.4	11
105	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	7.7	8
104	An Acetone Sensor Based on Plasma-Assisted Cataluminescence and Mechanism Studies by Online Ionizations. <i>Analytical Chemistry</i> , 2019 , 91, 15763-15768	7.8	26
103	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	6.6	19

102	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	4.8	14
101	Accelerating ambient soft-landing for the separation of aggregation-induced emission luminogens with unique properties. <i>Talanta</i> , 2019 , 197, 36-41	6.2	4
100	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	7.8	38
99	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	9.4	15
98	Unique SiO ₂ Nanourchins Enable Amplification in Living Cells for In Situ Imaging of mRNAs. <i>Advanced Functional Materials</i> , 2018 , 28, 1803286	15.6	15
97	TEMED Enhanced Photoluminescent Imaging of Human Serum Proteins by Quantum Dots After PAGE. <i>Methods in Molecular Biology</i> , 2018 , 1853, 105-114	1.4	
96	A "Soft" and "Hard" Ionization Method for Comprehensive Studies of Molecules. <i>Analytical Chemistry</i> , 2018 , 90, 14095-14099	7.8	11
95	Sandwich DNA Hybridization Fluorescence Resonance Energy-Transfer Strategy for miR-122 Detection by Core-Shell Upconversion Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25621-25628	9.5	30
94	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	5.8	6
93	Core-shell gold nanocubes for point mutation detection based on plasmon-enhanced fluorescence. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 5329-5335	7.3	7
92	DNA Three-Way Junction for Differentiation of Single-Nucleotide Polymorphisms with Fluorescent Copper Nanoparticles. <i>Chemistry - A European Journal</i> , 2017 , 23, 6979-6982	4.8	10
91	Radical-Mediated Spin-Transfer on Gold Nanoclusters Driven an Unexpected Luminescence for Protein Discrimination. <i>Analytical Chemistry</i> , 2017 , 89, 11183-11188	7.8	17
90	High-throughput and tunable synthesis of colloidal CsPbX perovskite nanocrystals in a heterogeneous system by microwave irradiation. <i>Chemical Communications</i> , 2017 , 53, 9914-9917	5.8	77
89	A label-free fluorometric assay for actin detection based on enzyme-responsive DNA-templated copper nanoparticles. <i>Talanta</i> , 2017 , 174, 444-447	6.2	11
88	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	11.8	64
87	A fluorescent aptasensor for amplified label-free detection of adenosine triphosphate based on core-shell Ag@SiO ₂ nanoparticles. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 237-41	11.8	69
86	A plasma-assisted cataluminescence sensor for ethyne detection. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 8843-8850	4.4	8
85	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	7.8	58

84	In-situ nanoelectrospray for high-throughput screening of enzymes and real-time monitoring of reactions. <i>Analytica Chimica Acta</i> , 2016 , 902, 135-141	6.6	6
83	Recent development and application of cataluminescence-based sensors. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 2839-59	4.4	13
82	Hydrophobicity-induced prestaining for protein detection in polyacrylamide gel electrophoresis. <i>Chemical Communications</i> , 2016 , 52, 2807-10	5.8	15
81	Dual-Functional Nanoparticles for In Situ Sequential Detection and Imaging of ATP and H ₂ O ₂ . <i>Small</i> , 2016 , 12, 3920-4	11	19
80	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, 7660-6	7.8	43
79	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	6.6	10
78	Silica-coated triangular gold nanoprisms as distance-dependent plasmon-enhanced fluorescence-based probes for biochemical applications. <i>Nanoscale</i> , 2016 , 8, 18150-18160	7.7	13
77	Monitoring binding affinity between drug and β -acid glycoprotein in real time by Venturi easy ambient sonic-spray ionization mass spectrometry. <i>Talanta</i> , 2015 , 143, 240-244	6.2	9
76	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, 1950-8	3.5	5
75	Dual-emission fluorescent sensor based on AIE organic nanoparticles and Au nanoclusters for the detection of mercury and melamine. <i>Nanoscale</i> , 2015 , 7, 8457-65	7.7	78
74	Room-temperature cataluminescence from CO oxidation in a non-thermal plasma-assisted catalysis system. <i>Journal of Hazardous Materials</i> , 2015 , 293, 1-6	12.8	26
73	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	3.2	5
72	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	6.6	9
71	Direct analysis of in-gel proteins by carbon nanotubes-modified paper spray ambient mass spectrometry. <i>Analyst, The</i> , 2015 , 140, 710-5	5	49
70	Distinguish cancer cells based on targeting turn-on fluorescence imaging by folate functionalized green emitting carbon dots. <i>Biosensors and Bioelectronics</i> , 2015 , 64, 119-25	11.8	115
69	Solvatochromism, Reversible Chromism and Self-Assembly Effects of Heteroatom-Assisted Aggregation-Induced Enhanced Emission (AIEE) Compounds. <i>Chemistry - A European Journal</i> , 2015 , 21, 13983-90	4.8	51
68	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	15.6	47
67	Sequence-dependent dsDNA-templated formation of fluorescent copper nanoparticles. <i>Chemistry - A European Journal</i> , 2015 , 21, 2417-22	4.8	92

66	A visual sensor array for pattern recognition analysis of proteins using novel blue-emitting fluorescent gold nanoclusters. <i>Analytical Chemistry</i> , 2014 , 86, 11634-9	7.8	115
65	A highly sensitive "turn-on" fluorescent sensor for the detection of human serum proteins based on the size exclusion of the polyacrylamide gel. <i>Electrophoresis</i> , 2014 , 35, 546-53	3.6	22
64	An aggregation-induced emission-based fluorescent chemosensor of aluminium ions. <i>RSC Advances</i> , 2014 , 4, 35459	3.7	27
63	Colloidal Au nanoparticle-based "turn on" fluorescence imaging for in-gel protein detection. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 2654-2657	7.3	5
62	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, 454-63	3.5	7
61	Color- and morphology-controlled self-assembly of new electron-donor-substituted aggregation-induced emission compounds. <i>Langmuir</i> , 2014 , 30, 2351-9	4	56
60	Real-time analysis of self-assembled nucleobases by Venturi easy ambient sonic-spray ionization mass spectrometry. <i>Talanta</i> , 2014 , 128, 366-72	6.2	15
59	Using metal nanoparticles as a visual sensor for the discrimination of proteins. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 3531-3537	7.3	8
58	Dual-modal imaging and photodynamic therapy using upconversion nanoparticles for tumor cells. <i>Analyst, The</i> , 2014 , 139, 6414-20	5	13
57	High-throughput detection of drugs binding to proteins using desorption electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2013 , 794, 60-6	6.6	15
56	Self-assembly of diphenylalanine peptides into microtubes with "turn on" fluorescence using an aggregation-induced emission molecule. <i>Chemical Communications</i> , 2013 , 49, 10076-8	5.8	31
55	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	3.6	37
54	Application of fluorescent carbon nanodots in fluorescence imaging of human serum proteins. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 787-792	7.3	35
53	Detection of layer-by-layer self-assembly multilayer films by low-temperature plasma mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013 , 48, 172-8	2.2	5
52	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, 173-9	4.5	25
51	Multifunctional core-shell upconversion nanoparticles for targeted tumor cells induced by near-infrared light. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 2757-2763	7.3	32
50	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	13	6
49	Design and application of anthracene derivative with aggregation-induced emission characteristics for visualization and monitoring of erythropoietin unfolding. <i>Langmuir</i> , 2013 , 29, 1956-62	4	28

48	Salicylaldehyde azine cluster formation observed by cold-spray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013 , 48, 961-8	2.2	7
47	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	11.8	20
46	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, 1432-7	4.8	14
45	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, 1438-43	4.8	13
44	Multifunctional up-converting nanocomposites with multimodal imaging and photosensitization at near-infrared excitation. <i>Journal of Materials Chemistry</i> , 2012 , 22, 24597		20
43	A highly sensitive "switch-on" fluorescent probe for protein quantification and visualization based on aggregation-induced emission. <i>Chemical Communications</i> , 2012 , 48, 7395-7	5.8	61
42	Plasma-assisted cataluminescence sensor array for gaseous hydrocarbons discrimination. <i>Analytical Chemistry</i> , 2012 , 84, 4830-6	7.8	46
41	A simple cellulose acetate membrane-based small lanes technique for protein electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 753-62	4.4	1
40	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, 1271-8	3.5	6
39	Fast haptoglobin phenotyping based on microchip electrophoresis. <i>Talanta</i> , 2011 , 85, 333-8	6.2	13
38	Ultrasensitive detection of ferritin in human serum by Western blotting based on quantum dots-labeled avidin-biotin system. <i>Proteomics</i> , 2011 , 11, 3510-7	4.8	6
37	Applications of multifunctional magnetic nanoparticles for the enrichment of proteins for PAGE separation. <i>Electrophoresis</i> , 2011 , 32, 2091-8	3.6	9
36	Effects of N,N,N',N'-tetramethylethylenediamine on the properties of CdTe quantum dots. <i>Journal of Materials Chemistry</i> , 2011 , 21, 13299		1
35	The use of silica nanoparticles for gas chromatographic separation. <i>Journal of Chromatography A</i> , 2011 , 1218, 4552-8	4.5	62
34	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, 2089-94	3.2	0
33	TEMED enhanced photoluminescent imaging detection of proteins in human serum using quantum dots after PAGE. <i>Journal of Proteome Research</i> , 2010 , 9, 5574-81	5.6	7
32	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, 3393-9	3.4	9
31	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, 405-10	4.5	6

30	Direct CdTe quantum-dot-based fluorescence imaging of human serum proteins. <i>Small</i> , 2010 , 6, 1589-92	11	26
29	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	2.2	3
28	Development of sensitive metalloporphyrin probes for chemiluminescent imaging detection of serum proteins. <i>Electrophoresis</i> , 2009 , 30, 3034-3040	3.6	6
27	Chemiluminescence-based detection technologies for biomolecules, mainly in gel electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 961-972	14.6	7
26	Novel application of carbon nanotubes for improving resolution in detecting human serum proteins with native polyacrylamide gel electrophoresis. <i>Nano Letters</i> , 2009 , 9, 1320-4	11.5	15
25	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, 5075-81	5.6	10
24	A novel probe Au(III) for chemiluminescent image detection of protein blots on nitrocellulose membranes. <i>Journal of Proteome Research</i> , 2008 , 7, 1884-90	5.6	2
23	A novel probe for chemiluminescent image detection of proteins in two-dimensional gel electrophoresis. <i>Electrophoresis</i> , 2008 , 29, 716-25	3.6	3
22	Simultaneous separation of eight beta-adrenergic drugs using titanium dioxide nanoparticles as additive in capillary electrophoresis. <i>Electrophoresis</i> , 2008 , 29, 2321-9	3.6	30
21	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	3.2	71
20	Separation of purine and pyrimidine bases by ion chromatography with direct conductivity detection. <i>Journal of Chromatography A</i> , 2008 , 1193, 104-8	4.5	22
19	Investigation of patinas formed on Chinese bronzes using modern multianalytical techniques. <i>Surface and Interface Analysis</i> , 2007 , 39, 775-782	1.5	6
18	Direct chemiluminescent imaging detection of human serum proteins in two-dimensional polyacrylamide gel electrophoresis. <i>Proteomics</i> , 2007 , 7, 3481-90	4.8	8
17	A novel [Ag(NH ₃) ₂] ⁺ probe for chemiluminescent imaging detection of proteins after polyacrylamide gel electrophoresis. <i>Proteomics</i> , 2007 , 7, 2511-21	4.8	5
16	Use of nanomaterials in capillary and microchip electrophoresis. <i>Expert Review of Proteomics</i> , 2007 , 4, 287-98	4.2	25
15	Enhanced separation of purine and pyrimidine bases using carboxylic multiwalled carbon nanotubes as additive in capillary zone electrophoresis. <i>Electrophoresis</i> , 2006 , 27, 3243-53	3.6	60
14	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, 866-72	6.2	63
13	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	6.6	24

12	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	4.5	55
11	A simple method for the study of salbutamol pharmacokinetics by ion chromatography with direct conductivity detection. <i>Talanta</i> , 2005 , 65, 1-6	6.2	7
10	Determination of beta2-agonists by ion chromatography with direct conductivity detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 38, 166-72	3.5	24
9	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, 4260-9	3.6	6
8	Cyanide Distribution in Human Tissue, Determined by GC/ECD/HS. <i>Analytical Letters</i> , 2005 , 38, 247-256	2.2	12
7	Serum free hemoglobin concentrations in healthy individuals are related to haptoglobin type. <i>Clinical Chemistry</i> , 2005 , 51, 1754-5	5.5	35
6	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	6.6	47
5	Chemiluminescent image detection of haptoglobin phenotyping after polyacrylamide gel electrophoresis. <i>Analytical Chemistry</i> , 2004 , 76, 2997-3004	7.8	29
4	Non-destructive and in situ identification of rice paper, seals and pigments by FT-IR and XRD spectroscopy. <i>Talanta</i> , 2004 , 64, 1000-8	6.2	13
3	Direct chemiluminescent imaging detection of serum proteins in polyacrylamide gels. <i>Analytica Chimica Acta</i> , 2003 , 497, 83-92	6.6	13
2	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, 1047-57	3.5	29
1	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	2.2	7