

Jin-Ming Lin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1864427/jin-ming-lin-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

444
papers

13,868
citations

62
h-index

92
g-index

462
ext. papers

15,812
ext. citations

6.4
avg. IF

6.97
L-index

#	Paper	IF	Citations
444	Cationic covalent organic nanosheets for rapid and effective detection of phenoxy carboxylic acid herbicides residue emitted from water and rice samples.. <i>Food Chemistry</i> , 2022 , 383, 132396	8.5	1
443	Biomimetic multifactor stimulation method for analyzing the synergism of matrix stiffness and inorganic polyphosphates on cellular behaviors.. <i>Talanta</i> , 2022 , 241, 123222	6.2	
442	Advances in nanomaterial-based microfluidic platforms for on-site detection of foodborne bacteria. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 147, 116509	14.6	4
441	Cell manipulation and cellular analysis 2022 , 145-179		
440	Ultra-Weak Chemiluminescence System of Reactive Nitrogen Species 2022 , 69-82		
439	Ultra-Weak Chemiluminescence from the Decomposition of Peroxymonocarbonate 2022 , 17-50		1
438	Ultra Weak Chemiluminescence from Fenton Reaction 2022 , 127-141		
437	Ultra-Weak Chemiluminescence from Reaction of Sulfite and Hydrogen Peroxide 2022 , 105-126		
436	Ultra-Weak Chemiluminescence from Decomposition of Peroxomonosulfate 2022 , 83-104		
435	Introduction of Ultra-Weak Chemiluminescence 2022 , 1-16		1
434	Isomer-specific biomarker discovery in multiple myeloma with dual-derivatized N-glycans.. <i>Analytical and Bioanalytical Chemistry</i> , 2022 , 1	4.4	
433	Inkjet-Patterned Microdroplets as Individual Microenvironments for Adherent Single Cell Culture.. <i>Small</i> , 2022 , e2107992	11	2
432	Nickel Coated Polyester Sponge for Delaying the Specific Aggregation of Fine Particles Induced by Negative Air Ions.. <i>ACS Omega</i> , 2022 , 7, 11285-11292	3.9	0
431	Real-time monitoring the efficacy of 7-hydroxycoumarin to cells cultured on microfluidics in different extracellular pH environments by chip-mass spectrometry.. <i>Talanta</i> , 2022 , 243, 123331	6.2	0
430	Singlet oxygen-oriented degradation of sulfamethoxazole by LiAl LDH activated peroxymonosulfate. <i>Separation and Purification Technology</i> , 2022 , 290, 120898	8.3	2
429	In-situ monitoring calcium signaling through tumor microtubes for single cell-cell communication via an open microfluidic probe.. <i>Biosensors and Bioelectronics</i> , 2022 , 206, 114137	11.8	1
428	Liquid crystal-based sensitive and selective detection of uric acid and uricase in body fluids.. <i>Talanta</i> , 2022 , 244, 123455	6.2	0

427	Hydroxyl group-enriched microporous organic network for high-performance solid-phase extraction of triazine herbicides: Experiment and DFT calculation on adsorption behavior. <i>Chemical Engineering Journal</i> , 2022 , 442, 136171	14.7	0
426	Inkjet-Patterned Microdroplets as Individual Microenvironments for Adherent Single Cell Culture (Small 19/2022). <i>Small</i> , 2022 , 18, 2270097	11	
425	Functional metal-organic framework as high-performance adsorbent for selective enrichment of pharmaceutical contaminants in aqueous samples. <i>Chemical Engineering Journal</i> , 2022 , 445, 136751	14.7	0
424	Proteomic Distributions in CD34+ Microvascular Niche Patterns of Glioblastoma. <i>Journal of Histochemistry and Cytochemistry</i> , 2021 , 221554211058098	3.4	0
423	Copper and Photocatalytic Radical Relay Enabling Fluoroalkylphosphorothiolation of Alkenes: Modular Synthesis of Fluorine-Containing -Alkyl Phosphorothioates and Phosphorodithioates. <i>Organic Letters</i> , 2021 , 23, 9267-9272	6.2	1
422	Microfluidic droplet-based functional materials for cell manipulation. <i>Lab on A Chip</i> , 2021 , 21, 4311-4329	7.2	4
421	Fabrication of a Magnetic Fluorinated Covalent Organic Framework for the Selective Capture of Benzoylurea Insecticide Residue in Beverages. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 51535-51545	9.5	3
420	Detection of bleomycin and its hydrolase by the cationic surfactant-doped liquid crystal-based sensing platform. <i>Analytica Chimica Acta</i> , 2021 , 1150, 338247	6.6	7
419	In Situ Stable Generation of Reactive Intermediates by Open Microfluidic Probe for Subcellular Free Radical Attack and Membrane Labeling. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8483-8487	16.4	7
418	Screening of Xanthine Oxidase Inhibitors by Liquid Crystal-Based Assay Assisted with Enzyme Catalysis-Induced Aptamer Release. <i>Analytical Chemistry</i> , 2021 , 93, 6151-6157	7.8	4
417	Metabolism-Based Capture and Analysis of Circulating Tumor Cells in an Open Space. <i>Analytical Chemistry</i> , 2021 , 93, 6955-6960	7.8	3
416	Inkjet printing based ultra-small MnO nanosheets synthesis for glutathione sensing. <i>Talanta</i> , 2021 , 225, 121989	6.2	3
415	NAPG mutation in family members with hereditary hemorrhagic telangiectasia in China. <i>BMC Pulmonary Medicine</i> , 2021 , 21, 197	3.5	
414	Nestin+/CD31+ cells in the hypoxic perivascular niche regulate glioblastoma chemoresistance by upregulating JAG1 and DLL4. <i>Neuro-Oncology</i> , 2021 , 23, 905-919	1	6
413	Determination of trace bisphenols in functional beverages through the magnetic solid-phase extraction with MOF-COF composite. <i>Food Chemistry</i> , 2021 , 345, 128841	8.5	23
412	Room-temperature synthesis of amino-functionalized magnetic covalent organic frameworks for efficient extraction of perfluoroalkyl acids in environmental water samples. <i>Journal of Hazardous Materials</i> , 2021 , 407, 124782	12.8	16
411	Emerging open microfluidics for cell manipulation. <i>Chemical Society Reviews</i> , 2021 , 50, 5333-5348	58.5	14
410	An ionic covalent organic framework for rapid extraction of polar organic acids from environmental waters. <i>Analytical Methods</i> , 2021 , 13, 2936-2942	3.2	0

409	A Fluidic Isolation-Assisted Homogeneous-Flow-Pressure Chip-Solid Phase Extraction-Mass Spectrometry System for Online Dynamic Monitoring of 25-Hydroxyvitamin D Biotransformation in Cells. <i>Analytical Chemistry</i> , 2021 , 93, 2273-2280	7.8	5
408	Cell Analysis on Microfluidics Combined with Mass Spectrometry. <i>Analytical Sciences</i> , 2021 , 37, 249-260	1.7	4
407	In Situ Stable Generation of Reactive Intermediates by Open Microfluidic Probe for Subcellular Free Radical Attack and Membrane Labeling. <i>Angewandte Chemie</i> , 2021 , 133, 8564-8568	3.6	0
406	High-Throughput Characterization of Cell Adhesion Strength Using Long-Channel Constriction-Based Microfluidics. <i>ACS Sensors</i> , 2021 , 6, 2838-2844	9.2	1
405	Recent progress on microfluidic biosensors for rapid detection of pathogenic bacteria. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	5
404	Di-4-ANEPPDHQ probes the response of lipid packing to the membrane tension change in living cells. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	3
403	Matrix-assisted laser desorption ionization mass spectrometry based quantitative analysis of cordycepin from. <i>Journal of Pharmaceutical Analysis</i> , 2021 , 11, 499-504	14	0
402	An integrated liquid crystal sensing device assisted by the surfactant-embedded smart hydrogel. <i>Biosensors and Bioelectronics</i> , 2021 , 187, 113313	11.8	11
401	A portable digital optical kanamycin sensor developed by surface-anchored liquid crystal droplets. <i>Journal of Hazardous Materials</i> , 2021 , 420, 126601	12.8	7
400	Investigation of the lipidomic changes in differentiated glioblastoma cells after drug treatment using MALDI-MS. <i>Talanta</i> , 2021 , 233, 122570	6.2	4
399	Hydrogel-assisted paper-based lateral flow sensor for the detection of trypsin in human serum. <i>Biosensors and Bioelectronics</i> , 2021 , 192, 113548	11.8	8
398	3D microfluidic tumor models for biomimetic engineering of glioma niche and detection of cell morphology, migration and phenotype change. <i>Talanta</i> , 2021 , 234, 122702	6.2	3
397	High crystalline magnetic covalent organic framework with three-dimensional grapevine structure for ultrasensitive extraction of nitro-polycyclic aromatic hydrocarbons in food and environmental samples. <i>Food Chemistry</i> , 2021 , 361, 130018	8.5	2
396	Ionic covalent organic frameworks for the magnetic solid-phase extraction of perfluorinated compounds in environmental water samples. <i>Mikrochimica Acta</i> , 2021 , 188, 47	5.8	9
395	A pendant droplet-based sensor for the detection of acetylcholinesterase and its inhibitors.. <i>Chemical Communications</i> , 2021 , 57, 8909-8912	5.8	0
394	Composite SPE Paper Membrane Based on the Functional Superstructure of Metal-Organic Frameworks and Ionic Liquids for Detection of Tetracycline-like Antibiotics.. <i>ACS Applied Materials & Interfaces</i> , 2021 ,	9.5	2
393	Microfluidic Probe for In-Situ Extraction of Adherent Cancer Cells to Detect Heterogeneity Difference by Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 7900-7906	7.8	7
392	Solid-phase microextraction using a Eketoenamine-linked covalent organic framework coating for efficient enrichment of synthetic musks in water samples. <i>Analytical Methods</i> , 2020 , 12, 2434-2442	3.2	13

391	Inhibition Effect of Negative Air Ions on Adsorption between Volatile Organic Compounds and Environmental Particulate Matter. <i>Langmuir</i> , 2020 , 36, 5078-5083	4	8
390	Synthesis and Antibacterial Activity Investigation of Novel Cuprous Oxide-Graphene Oxide Nanocomposites. <i>Chemistry Letters</i> , 2020 , 49, 693-696	1.7	2
389	Spherical mesoporous covalent organic framework as a solid-phase extraction adsorbent for the ultrasensitive determination of sulfonamides in food and water samples by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020 , 1625, 461275	4.5	24
388	Visual detection of high-risk HPV16 and HPV18 based on loop-mediated isothermal amplification. <i>Talanta</i> , 2020 , 217, 121015	6.2	7
387	Stable and Biocompatible Carbon Nanotube Ink Mediated by Silk Protein for Printed Electronics. <i>Advanced Materials</i> , 2020 , 32, e2000165	24	78
386	Liquid crystal-based sensing platform for detection of Pb assisted by DNAzyme and rolling circle amplification. <i>Journal of Hazardous Materials</i> , 2020 , 400, 123218	12.8	24
385	Simultaneous Detection of Multiple Tumor Markers in Blood by Functional Liquid Crystal Sensors Assisted with Target-Induced Dissociation of Aptamer. <i>Analytical Chemistry</i> , 2020 , 92, 3867-3873	7.8	36
384	A zirconium-based metal-organic framework material for solid-phase microextraction of trace polybrominated diphenyl ethers from milk. <i>Food Chemistry</i> , 2020 , 317, 126436	8.5	15
383	Cell Heterogeneity Revealed by On-Chip Angiogenic Endothelial Cell Migration. <i>ACS Omega</i> , 2020 , 5, 3857-3862	3.9	3
382	Nitrogen-rich covalent organic frameworks as solid-phase extraction adsorbents for separation and enrichment of four disinfection by-products in drinking water. <i>Journal of Chromatography A</i> , 2020 , 1619, 460916	4.5	11
381	ATP-responsive mitochondrial probes for monitoring metabolic processes of glioma stem cells in a 3D model. <i>Chemical Science</i> , 2020 , 11, 2744-2749	9.4	9
380	Monitoring H ₂ O on the Surface of Single Cells with Liquid Crystal Elastomer Microspheres. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9282-9287	16.4	21
379	Long-Term Trends in Urban Atmospheric Polycyclic Aromatic Hydrocarbons and Nitropolycyclic Aromatic Hydrocarbons: China, Russia, and Korea from 1999 to 2014. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	10
378	Controllable Synthesis of Multicompartmental Particles Using 3D Microfluidics. <i>Angewandte Chemie</i> , 2020 , 132, 2245-2249	3.6	9
377	Controllable Synthesis of Multicompartmental Particles Using 3D Microfluidics. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2225-2229	16.4	20
376	Altered fecal microbiomes and short chain fatty acids of crew members with periodic intake of prepackaged food in a ground-based space station simulator for 50 days. <i>Travel Medicine and Infectious Disease</i> , 2020 , 36, 101480	8.4	
375	Evaluation of the accumulation of disulfiram and its copper complex in A549 cells using mass spectrometry. <i>Talanta</i> , 2020 , 211, 120732	6.2	7
374	A robust model developed by LCWR combined with uniform design for the determination of hydrogen peroxide in water used in a microgravity environment. <i>Analytical Methods</i> , 2020 , 12, 514-519	3.2	

373	Combination Stiffness Gradient with Chemical Stimulation Directs Glioma Cell Migration on a Microfluidic Chip. <i>Analytical Chemistry</i> , 2020 , 92, 892-898	7.8	17
372	Concentrating Single Cells in Picoliter Droplets for Phospholipid Profiling on a Microfluidic System. <i>Small</i> , 2020 , 16, e1903402	11	22
371	Hydrated negative air ions generated by air-water collision with TiO photocatalytic materials.. <i>RSC Advances</i> , 2020 , 10, 43420-43424	3.7	2
370	Effect of Dai-Bai-Jie on the proliferation and migration of the A549 cells. <i>Chinese Chemical Letters</i> , 2020 , 31, 476-478	8.1	3
369	Imitation of drug metabolism in cell co-culture microcapsule model using a microfluidic chip platform coupled to mass spectrometry. <i>Chinese Chemical Letters</i> , 2020 , 31, 451-454	8.1	22
368	Monitoring H ₂ O ₂ on the Surface of Single Cells with Liquid Crystal Elastomer Microspheres. <i>Angewandte Chemie</i> , 2020 , 132, 9368-9373	3.6	7
367	Microfluidic adhesion analysis of single glioma cells for evaluating the effect of drugs. <i>Science China Chemistry</i> , 2020 , 63, 865-870	7.9	6
366	Rapid detection of high-risk HPV16 and HPV18 based on microchip electrophoresis. <i>Journal of Pharmaceutical Analysis</i> , 2020 , 10, 329-333	14	1
365	Latent Redox Reporter of 4-Methoxyphenol as Electrochemical Signal Proxy for Real-Time Profiling of Endogenous HO in Living Cells. <i>ACS Sensors</i> , 2019 , 4, 2450-2457	9.2	11
364	Multifunctional Regulation of 3D Cell-Laden Microsphere Culture on an Integrated Microfluidic Device. <i>Analytical Chemistry</i> , 2019 , 91, 12283-12289	7.8	10
363	Radical-Triggered Chemiluminescence of Phenanthroline Derivatives: An Insight into Radical-Aromatic Interaction. <i>ACS Omega</i> , 2019 , 4, 15004-15011	3.9	10
362	Real-Time Imaging of Ammonia Release from Single Live Cells via Liquid Crystal Droplets Immobilized on the Cell Membrane. <i>Advanced Science</i> , 2019 , 6, 1900778	13.6	18
361	Online Analysis of Drug Toxicity to Cells with Shear Stress on an Integrated Microfluidic Chip. <i>ACS Sensors</i> , 2019 , 4, 521-527	9.2	28
360	Homogenous deposition of matrix-analyte cocrystals on gold-nanobowl arrays for improving MALDI-MS signal reproducibility. <i>Chemical Communications</i> , 2019 , 55, 2166-2169	5.8	9
359	Nongenetically Encoded and Erasable Imaging Strategy for Receptor-Specific Glycans on Live Cells. <i>Analytical Chemistry</i> , 2019 , 91, 2600-2604	7.8	13
358	MoS ₂ -quantum dot triggered reactive oxygen species generation and depletion: responsible for enhanced chemiluminescence. <i>Chemical Science</i> , 2019 , 10, 497-500	9.4	54
357	Chemical operations on a living single cell by open microfluidics for wound repair studies and organelle transport analysis. <i>Chemical Science</i> , 2019 , 10, 2081-2087	9.4	22
356	Alteration of intracellular metabolome in osteosarcoma stem cells revealed by liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2019 , 204, 6-12	6.2	13

355	Analysis of trace metals in water samples using NOBIAS chelate resins by HPLC and ICP-MS. <i>Talanta</i> , 2019 , 204, 50-56	6.2	26
354	Analysis of cellular biomolecules and behaviors using microfluidic chip and fluorescence method. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 117, 200-214	14.6	19
353	Selective Fabrication of Nanowires with High Aspect Ratios Using a Diffusion Mixing Reaction System for Applications in Temperature Sensing. <i>Analytical Chemistry</i> , 2019 , 91, 7346-7352	7.8	5
352	Responses of Cellular Adhesion Strength and Stiffness to Fluid Shear Stress during Tumor Cell Rolling Motion. <i>ACS Sensors</i> , 2019 , 4, 1710-1715	9.2	8
351	Facile room-temperature synthesis of a spherical mesoporous covalent organic framework for ultrasensitive solid-phase microextraction of phenols prior to gas chromatography-tandem mass spectrometry. <i>Chemical Engineering Journal</i> , 2019 , 369, 920-927	14.7	86
350	Development of dispersive solid-phase extraction with polyphenylene conjugated microporous polymers for sensitive determination of phenoxycarboxylic acids in environmental water samples. <i>Journal of Hazardous Materials</i> , 2019 , 371, 433-439	12.8	35
349	In Situ Monitoring of Fluid Shear Stress Enhanced Adherence of Bacteria to Cancer Cells on Microfluidic Chip. <i>Analytical Chemistry</i> , 2019 , 91, 5973-5979	7.8	2
348	On-site sampling of inorganic contamination on the metal surface and analysis with capillary electrophoresis. <i>Journal of Separation Science</i> , 2019 , 42, 1593-1599	3.4	2
347	Chip-based SALDI-MS for rapid determination of intracellular ratios of glutathione to glutathione disulfide. <i>Science China Chemistry</i> , 2019 , 62, 142-150	7.9	8
346	Near-physiological microenvironment simulation on chip to evaluate drug resistance of different loci in tumour mass. <i>Talanta</i> , 2019 , 191, 67-73	6.2	10
345	Pretreatment techniques and analytical methods for phenolic endocrine disrupting chemicals in food and environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 119, 115592	14.6	18
344	A tumor microenvironment model coupled with a mass spectrometry system to probe the metabolism of drug-loaded nanoparticles. <i>Chemical Communications</i> , 2019 , 55, 10218-10221	5.8	8
343	An open-space microfluidic chip with fluid walls for online detection of VEGF rolling circle amplification. <i>Chemical Science</i> , 2019 , 10, 8571-8576	9.4	13
342	Nitrogen-doped flower-like porous carbon nanostructures for fast removal of sulfamethazine from water. <i>Environmental Pollution</i> , 2019 , 255, 113229	9.3	12
341	Single-Cell Culture and Analysis on Microfluidics. <i>Integrated Analytical Systems</i> , 2019 , 53-84	0.4	
340	Advances of Single-Cell Analysis on Microfluidics. <i>Integrated Analytical Systems</i> , 2019 , 1-26	0.4	
339	Microfluidic Chip-Based Live Single-Cell Probes. <i>Integrated Analytical Systems</i> , 2019 , 217-255	0.4	
338	Microfluidics for Single-Cell Genomics. <i>Integrated Analytical Systems</i> , 2019 , 143-161	0.4	

337	Microfluidic Technology for Single-Cell Manipulation. <i>Integrated Analytical Systems</i> , 2019 , 85-117	0.4	
336	Microfluidic Technology for Single-Cell Capture and Isolation. <i>Integrated Analytical Systems</i> , 2019 , 27-51	0.4	1
335	Droplet-Based Microfluidics for Single-Cell Encapsulation and Analysis. <i>Integrated Analytical Systems</i> , 2019 , 119-141	0.4	2
334	Microfluidics-Mass Spectrometry Combination Systems for Single-Cell Analysis. <i>Integrated Analytical Systems</i> , 2019 , 163-195	0.4	2
333	Single-cell identification by microfluidic-based extracting and online mass spectrometric analysis of phospholipids expression. <i>Chemical Science</i> , 2019 , 11, 253-256	9.4	27
332	Photoredox-catalyzed cascade annulation of N-propargylindoles with sulfonyl chlorides: access to 2-sulfonated 9H-pyrrolo[1,2-a]indoles. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 2873-2876	3.9	16
331	Single-cell assay on microfluidic devices. <i>Analyst, The</i> , 2019 , 144, 808-823	5	40
330	β-Ketoenamine-linked covalent organic framework coating for ultra-high-performance solid-phase microextraction of polybrominated diphenyl ethers from environmental samples. <i>Chemical Engineering Journal</i> , 2019 , 356, 926-933	14.7	99
329	In Situ Partial Treatment of Single Cells by Laminar Flow in the "Open Space". <i>Analytical Chemistry</i> , 2019 , 91, 1644-1650	7.8	12
328	N-doped carbon dots/HO chemiluminescence system for selective detection of Fe ion in environmental samples. <i>Talanta</i> , 2019 , 196, 370-375	6.2	39
327	Construction of on-line supercritical fluid extraction with reverse phase liquid chromatography tandem mass spectrometry for the determination of capsaicin. <i>Chinese Chemical Letters</i> , 2019 , 30, 99-102	8.1	21
326	A membrane separation technique for optimizing sample preparation of MALDI-TOF MS detection. <i>Chinese Chemical Letters</i> , 2019 , 30, 95-98	8.1	15
325	Zinc(II)-based metal-organic nanotubes coating for high sensitive solid phase microextraction of nitro-polycyclic aromatic hydrocarbons. <i>Talanta</i> , 2018 , 186, 561-567	6.2	23
324	Polyphenylene core-conjugated microporous polymer coating for highly sensitive solid-phase microextraction of polar phenol compounds in water samples. <i>Analytica Chimica Acta</i> , 2018 , 1015, 27-34	6.6	59
323	Recent advances in graphene-based magnetic composites for magnetic solid-phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 102, 60-74	14.6	181
322	Magnetic covalent triazine-based frameworks as magnetic solid-phase extraction adsorbents for sensitive determination of perfluorinated compounds in environmental water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 1657-1665	4.4	57
321	Dean flow assisted cell ordering system for lipid profiling in single-cells using mass spectrometry. <i>Chemical Communications</i> , 2018 , 54, 2595-2598	5.8	54
320	Combination of nano-material enrichment and dead-end filtration for uniform and rapid sample preparation in matrix-assisted laser desorption/ionization mass spectrometry. <i>Talanta</i> , 2018 , 181, 217-223	6.2	6

319	An on-chip intestine-liver model for multiple drugs absorption and metabolism behavior simulation. <i>Science China Chemistry</i> , 2018 , 61, 236-242	7.9	16
318	Microfluidic Devices in the Fast-Growing Domain of Single-Cell Analysis. <i>Chemistry - A European Journal</i> , 2018 , 24, 15398-15420	4.8	21
317	Multi-DNAzymes-functionalized gold nanoparticles for ultrasensitive chemiluminescence detection of thrombin on microchip. <i>Analytica Chimica Acta</i> , 2018 , 1027, 76-82	6.6	32
316	Shear Stress-Enhanced Internalization of Cell Membrane Proteins Indicated by a Hairpin-Type DNA Probe. <i>Analytical Chemistry</i> , 2018 , 90, 5540-5545	7.8	23
315	Inkjet Printing Based Droplet Generation for Integrated Online Digital Polymerase Chain Reaction. <i>Analytical Chemistry</i> , 2018 , 90, 5329-5334	7.8	46
314	MoS-LA-PEI nanocomposite carrier for real-time imaging of ATP metabolism in glioma stem cells co-cultured with endothelial cells on a microfluidic system. <i>Biosensors and Bioelectronics</i> , 2018 , 99, 142-149	11.8	19
313	Biomaterial-Based Microfluidics for Cell Culture and Analysis. <i>Integrated Analytical Systems</i> , 2018 , 181-224	4	3
312	Droplet-Based Microfluidic Technology for Cell Analysis. <i>Integrated Analytical Systems</i> , 2018 , 225-262	0.4	1
311	Microfluidics-Mass Spectrometry for Cell Analysis. <i>Integrated Analytical Systems</i> , 2018 , 291-311	0.4	2
310	Design and Preparation of Microfluidics Device. <i>Integrated Analytical Systems</i> , 2018 , 1-42	0.4	0
309	Biochemical Analysis Techniques Integrated on Microfluidic Chips and Their Applications. <i>Integrated Analytical Systems</i> , 2018 , 313-338	0.4	0
308	Microfluidic Cell Culture Systems for Drug Research. <i>Integrated Analytical Systems</i> , 2018 , 339-370	0.4	
307	Cell Metabolite Analysis on Microfluidic Platform. <i>Integrated Analytical Systems</i> , 2018 , 371-396	0.4	2
306	Recent Development of Cell Analysis on Microfluidics. <i>Integrated Analytical Systems</i> , 2018 , 43-93	0.4	1
305	Microfluidic Cell Isolation and Recognition for Biomedical Applications. <i>Integrated Analytical Systems</i> , 2018 , 95-118	0.4	2
304	Cell Culture and Observation on Microfluidics. <i>Integrated Analytical Systems</i> , 2018 , 119-147	0.4	
303	Comparative proteomics of cancer stem cells in osteosarcoma using ultra-high-performance liquid chromatography and Orbitrap Fusion mass spectrometer. <i>Talanta</i> , 2018 , 178, 362-368	6.2	13
302	Determination of vitamin D in oily drops using a column-switching system with an on-line clean-up by supercritical fluid chromatography. <i>Talanta</i> , 2018 , 190, 9-14	6.2	8

301	Cell analysis on chip-mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 107, 43-59	14.6	29
300	Shell microparticles of morphology controlled and inner-modified hole from sequential inkjet-printed double emulsions. <i>Science China Chemistry</i> , 2018 , 61, 1465-1469	7.9	2
299	Advances in tumor-endothelial cells co-culture and interaction on microfluidics. <i>Journal of Pharmaceutical Analysis</i> , 2018 , 8, 210-218	14	13
298	Measurement of Cell-Matrix Adhesion at Single-Cell Resolution for Revealing the Functions of Biomaterials for Adherent Cell Culture. <i>Analytical Chemistry</i> , 2018 , 90, 9637-9643	7.8	18
297	Reconstituting Glioma Perivascular Niches on a Chip for Insights into Chemoresistance of Glioma. <i>Analytical Chemistry</i> , 2018 , 90, 10326-10333	7.8	22
296	Adhesion analysis of single circulating tumor cells on a base layer of endothelial cells using open microfluidics. <i>Chemical Science</i> , 2018 , 9, 7694-7699	9.4	36
295	Influence of the morphology of zinc oxide nanoparticles on the properties of zinc oxide/nanocellulose composite films. <i>Reactive and Functional Polymers</i> , 2018 , 131, 293-298	4.6	13
294	Covalent triazine-based frameworks/iron oxide for highly sensitive magnetic solid-phase extraction of phenolic pollutants in water samples. <i>Journal of Separation Science</i> , 2018 , 41, 3724-3732	3.4	16
293	Real-time characterization of negative air ion-induced decomposition of indoor organic contaminants by mass spectrometry. <i>Chemical Communications</i> , 2018 , 54, 10687-10690	5.8	8
292	Highly sensitive and selective determination of Hg(II) based on microfluidic chip with on-line fluorescent derivatization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 204, 1-6	4.4	3
291	Facile fabrication of MIL-96 as coating fiber for solid-phase microextraction of trihalomethanes and halonitromethanes in water samples. <i>Chemical Engineering Journal</i> , 2018 , 350, 240-247	14.7	45
290	Porous covalent organonitridic frameworks for solid-phase extraction of sulfonamide antibiotics. <i>Mikrochimica Acta</i> , 2018 , 186, 26	5.8	20
289	A dual-functional microfluidic chip for on-line detection of interleukin-8 based on rolling circle amplification. <i>Biosensors and Bioelectronics</i> , 2018 , 102, 652-660	11.8	35
288	In Situ Scatheless Cell Detachment Reveals Correlation between Adhesion Strength and Viability at Single-Cell Resolution. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 236-240	16.4	64
287	In Situ Scatheless Cell Detachment Reveals Correlation between Adhesion Strength and Viability at Single-Cell Resolution. <i>Angewandte Chemie</i> , 2018 , 130, 242-246	3.6	6
286	Research on the variations in the volatile compound and vitamin content in space foods after storage on the TG-1 spacecraft. <i>CYTA - Journal of Food</i> , 2018 , 16, 1125-1130	2.3	1
285	DNA-Mediated rolling circle amplification for ultrasensitive detection of thrombin using MALDI-TOF mass spectrometry. <i>Chemical Communications</i> , 2018 , 54, 11546-11549	5.8	14
284	Live imaging of cell membrane-localized MT1-MMP activity on a microfluidic chip. <i>Chemical Communications</i> , 2018 , 54, 11435-11438	5.8	10

283	A Zr(IV)-based porphyrinic metal-organic framework as a solid-phase sorbent for extraction of sulfonamides prior to their quantitation by LC-MS. <i>Mikrochimica Acta</i> , 2018 , 185, 450	5.8	15
282	Targeted capture sequencing identifies novel genetic variations in Chinese patients with idiopathic inflammatory myopathies. <i>International Journal of Rheumatic Diseases</i> , 2018 , 21, 1619-1626	2.3	3
281	Controlled grafted poly(quaternized-4-vinylpyridine-co-acrylic acid) brushes attract bacteria for effective antimicrobial surfaces. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 3782-3791	7.3	11
280	Inhibition of anaerobic probiotics on colorectal cancer cells using intestinal microfluidic systems. <i>Science China Chemistry</i> , 2018 , 61, 1034-1042	7.9	4
279	Local surface modification at precise position using a chemical pen. <i>Talanta</i> , 2018 , 187, 246-251	6.2	1
278	Application of magnetic N-doped carbon nanotubes in solid-phase extraction of trace bisphenols from fruit juices. <i>Food Chemistry</i> , 2018 , 269, 413-418	8.5	31
277	Recent advances in chemiluminescence based on carbonaceous dots. <i>Advances in Colloid and Interface Science</i> , 2017 , 241, 24-36	14.3	59
276	Atmospheric behaviors of particulate-bound polycyclic aromatic hydrocarbons and nitropolycyclic aromatic hydrocarbons in Beijing, China from 2004 to 2010. <i>Atmospheric Environment</i> , 2017 , 152, 354-361	5.3	40
275	Dynamic imaging of MYC and CDKN1A mRNAs as an indicator of cell G1-phase arrest. <i>Chemical Communications</i> , 2017 , 53, 1900-1903	5.8	7
274	Gas-phase chemiluminescence of reactive negative ions evolved through corona discharge in air and O ₂ atmospheres. <i>RSC Advances</i> , 2017 , 7, 15926-15930	3.7	4
273	Gold nanoparticles modified porous silicon chip for SALDI-MS determination of glutathione in cells. <i>Talanta</i> , 2017 , 168, 222-229	6.2	19
272	Ultra-weak chemiluminescence enhanced by facilely synthesized nitrogen-rich quantum dots through chemiluminescence resonance energy transfer and electron hole injection. <i>Chemical Communications</i> , 2017 , 53, 5657-5660	5.8	61
271	Quantitative determination of VEGF165 in cell culture medium by aptamer sandwich based chemiluminescence assay. <i>Talanta</i> , 2017 , 171, 197-203	6.2	27
270	Flow injection microfluidic device with on-line fluorescent derivatization for the determination of Cr(III) and Cr(VI) in water samples after solid phase extraction. <i>Analytica Chimica Acta</i> , 2017 , 955, 58-66	6.6	37
269	Recent advances in microfluidic 3D cellular scaffolds for drug assays. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 87, 19-31	14.6	72
268	Study of antioxidant effects on malignant glioma cells by constructing a tumor-microvascular structure on microchip. <i>Analytica Chimica Acta</i> , 2017 , 978, 1-9	6.6	20
267	Multi-channel microfluidic chip-mass spectrometry platform for cell analysis. <i>Chinese Chemical Letters</i> , 2017 , 28, 1625-1630	8.1	37
266	Generation and Determination of Negative Air Ions. <i>Journal of Analysis and Testing</i> , 2017 , 1, 1	3.2	12

265	Heterogeneous Chemiluminescence from Gas-Solid Phase Interactions of Ozone with Alcohols, Phenols, and Saccharides. <i>Langmuir</i> , 2017 , 33, 3666-3671	4	7
264	A DNA-directed covalent conjugation fluorescence probe for in vitro detection of functional matrix metalloproteinases. <i>Analyt, The</i> , 2017 , 142, 634-640	5	9
263	Integrated Microfluidic Platform with Multiple Functions To Probe Tumor-Endothelial Cell Interaction. <i>Analytical Chemistry</i> , 2017 , 89, 10037-10044	7.8	45
262	Evaluation of drug combination for glioblastoma based on an intestine-liver metabolic model on microchip. <i>Analyt, The</i> , 2017 , 142, 3629-3638	5	19
261	Redox cycling of iron by carbon dot enhanced chemiluminescence: mechanism of electron-hole induction in carbon dot. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 21604-21611	3.6	29
260	Convection-Diffusion Layer in an "Open Space" for Local Surface Treatment and Microfabrication using a Four-Aperture Microchemical Pen. <i>ChemPhysChem</i> , 2017 , 18, 2357-2363	3.2	5
259	Inkjet Printing Based Separation of Mammalian Cells by Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2017 , 89, 8674-8677	7.8	16
258	Mitochondrial DNA Mutations Associated with Type 2 Diabetes Mellitus in Chinese Uyghur Population. <i>Scientific Reports</i> , 2017 , 7, 16989	4.9	20
257	Investigation of carbon deposition induced by pyrolytic decomposition of ethylene. <i>RSC Advances</i> , 2017 , 7, 29639-29644	3.7	2
256	Recent Development of Gas/Solid Phase Chemiluminescence. <i>Journal of Analysis and Testing</i> , 2017 , 1, 267-273	3.2	3
255	Writing of nanowires via high viscosity-induced nano diffusive layer. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 11666-11671	7.1	8
254	Inkjet automated single cells and matrices printing system for matrix-assisted laser desorption/ionization mass spectrometry. <i>Talanta</i> , 2017 , 162, 474-478	6.2	23
253	Fractional factorial design based microwave-assisted extraction for the determination of organophosphorus and organochlorine residues in tobacco by using gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2017 , 40, 542-549	3.4	12
252	Enhanced chemiluminescence from reactions between CdTe/CdS/ZnS quantum dots and periodate. <i>Chinese Chemical Letters</i> , 2017 , 28, 184-188	8.1	19
251	Microfluidic technologies in cell isolation and analysis for biomedical applications. <i>Analyt, The</i> , 2017 , 142, 421-441	5	50
250	The pathological structure of the perivascular niche in different microvascular patterns of glioblastoma. <i>PLoS ONE</i> , 2017 , 12, e0182183	3.7	11
249	Multi-channel cell co-culture for drug development based on glass microfluidic chip-mass spectrometry coupled platform. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30 Suppl 1, 80-6	2.2	15
248	Fluorescent carbon nanoparticles: mimicking hydrogen peroxide properties in a chemiluminescence system. <i>Chemical Communications</i> , 2016 , 52, 14137-14140	5.8	23

247	Recent Developments in Microfluidic Chip for in vitro Cell-based Research. <i>Chinese Journal of Analytical Chemistry</i> , 2016 , 44, 522-532	1.6	17
246	Determination of cell metabolite VEGF and dynamic analysis of protein-DNA interactions by combination of microfluidic technique and luminescent switch-on probe. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 41-7	11.8	60
245	Biochemical analysis on microfluidic chips. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 80, 213-231	14.6	81
244	Peroxy-nitrous-acid-induced chemiluminescence detection of nitrite based on Microfluidic chip. <i>Talanta</i> , 2016 , 154, 73-9	6.2	63
243	A novel approach for precisely controlled multiple cell patterning in microfluidic chips by inkjet printing and the detection of drug metabolism and diffusion. <i>Analyst, The</i> , 2016 , 141, 2940-7	5	53
242	Determination of boron in water samples by dispersive liquid-liquid microextraction based on the solidification of a floating organic drop coupled with a fluorimetric method. <i>Analyst, The</i> , 2016 , 141, 2315-8	5.8	10
241	Nephrocyte-neurocyte interaction and cellular metabolic analysis on membrane-integrated microfluidic device. <i>Science China Chemistry</i> , 2016 , 59, 243-250	7.9	12
240	Online Monitoring of Lactate Efflux by Multi-Channel Microfluidic Chip-Mass Spectrometry for Rapid Drug Evaluation. <i>ACS Sensors</i> , 2016 , 1, 344-347	9.2	32
239	Bisulfite induced chemiluminescence of g-C ₃ N ₄ nanosheets and enhanced by metal ions. <i>Nanoscale</i> , 2016 , 8, 4933-7	7.7	38
238	Enhancement of periodate-hydrogen peroxide chemiluminescence by nitrogen doped carbon dots and its application for the determination of pyrogallol and gallic acid. <i>Talanta</i> , 2016 , 153, 23-30	6.2	64
237	Controlled assembly of heterotypic cells in a core-shell scaffold: organ in a droplet. <i>Lab on A Chip</i> , 2016 , 16, 1346-9	7.2	132
236	Simultaneous extraction and determination of free and conjugated phytosterols in tobacco. <i>Journal of Separation Science</i> , 2016 , 39, 2466-73	3.4	7
235	Flexible control of cellular encapsulation, permeability, and release in a droplet-templated bifunctional copolymer scaffold. <i>Biomicrofluidics</i> , 2016 , 10, 064115	3.2	18
234	Single-Cell Analysis Using Drop-on-Demand Inkjet Printing and Probe Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2016 , 88, 4354-60	7.8	96
233	Integrated microfluidic system for cell co-culture and simulation of drug metabolism. <i>RSC Advances</i> , 2016 , 6, 54564-54572	3.7	37
232	Graphene materials-based chemiluminescence for sensing. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2016 , 27, 54-71	16.4	46
231	Chemiluminescence Character of ZnS Quantum Dots with Bisulphite-Hydrogen Peroxide System in Acidic Medium. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 9308-9316	3.8	29
230	DNA-mediated cell surface engineering for multiplexed glycan profiling using MALDI-TOF mass spectrometry. <i>Chemical Science</i> , 2016 , 7, 5448-5452	9.4	39

229	Efficient cell capture in an agarose/PDMS hybrid chip for shaped 2D culture under temozolomide stimulation. <i>RSC Advances</i> , 2016 , 6, 75215-75222	3.7	9
228	Microchemical Pen: An Open Microreactor for Region-Selective Surface Modification. <i>ChemPhysChem</i> , 2016 , 17, 3155-3159	3.2	8
227	Advances and Applications of Chemiluminescence Immunoassay in Clinical Diagnosis and Foods Safety. <i>Chinese Journal of Analytical Chemistry</i> , 2015 , 43, 929-938	1.6	36
226	A non-invasive genomic diagnostic method for bladder cancer using size-based filtration and microchip electrophoresis. <i>Talanta</i> , 2015 , 144, 136-44	6.2	19
225	Online multi-channel microfluidic chip-mass spectrometry and its application for quantifying noncovalent protein-protein interactions. <i>Analyst, The</i> , 2015 , 140, 1551-4	5	20
224	Development of LCMS method for analysis of paclitaxel-inhibited growth and enhanced therapeutic response in human glioblastoma cells. <i>Chinese Chemical Letters</i> , 2015 , 26, 1225-1230	8.1	11
223	Quantification of selected monohydroxy metabolites of polycyclic aromatic hydrocarbons in human urine. <i>Science China Chemistry</i> , 2015 , 58, 1579-1584	7.9	5
222	Oxygen-induced cell migration and on-line monitoring biomarkers modulation of cervical cancers on a microfluidic system. <i>Scientific Reports</i> , 2015 , 5, 9643	4.9	50
221	Cell-patterned glass spray for direct drug assay using mass spectrometry. <i>Analytica Chimica Acta</i> , 2015 , 892, 132-9	6.6	12
220	A comparative study of three different nucleic acid amplification techniques combined with microchip electrophoresis for HPV16 E6/E7 mRNA detection. <i>Analyst, The</i> , 2015 , 140, 6736-41	5	19
219	Assay of multiplex proteins from cell metabolism based on tunable aptamer and microchip electrophoresis. <i>Biosensors and Bioelectronics</i> , 2015 , 63, 105-111	11.8	41
218	Nitrite sensing based on the carbon dots-enhanced chemiluminescence from peroxytrifluoroacetic acid and carbonate. <i>Talanta</i> , 2015 , 132, 457-62	6.2	66
217	Development of cell metabolite analysis on microfluidic platform. <i>Journal of Pharmaceutical Analysis</i> , 2015 , 5, 337-347	14	19
216	Quantitative Analysis of Chloramphenicol in Royal Jelly by Column-switching LC-MS/MS Using a Pretreatment Column with a Higher-pressure Capability. <i>Analytical Sciences</i> , 2015 , 31, 445-50	1.7	2
215	Engineering cell-compatible paper chips for cell culturing, drug screening, and mass spectrometric sensing. <i>Advanced Healthcare Materials</i> , 2015 , 4, 2291-6	10.1	35
214	Analysis of chloramphenicol in honey by on-line pretreatment liquid chromatography tandem mass spectrometry. <i>Chinese Chemical Letters</i> , 2015 , 26, 36-38	8.1	19
213	Mass spectrometry-based method to investigate the natural selectivity of sucrose as the sugar transport form for plants. <i>Carbohydrate Research</i> , 2015 , 407, 5-9	2.9	6
212	Aggregation-induced structure transition of protein-stabilized zinc/copper nanoclusters for amplified chemiluminescence. <i>ACS Nano</i> , 2015 , 9, 2173-83	16.7	81

211	Drop-by-drop chemical reaction and sample introduction for capillary electrophoresis. <i>Analyst, The</i> , 2015 , 140, 3953-9	5	14
210	An in vitro liver model on microfluidic device for analysis of capecitabine metabolite using mass spectrometer as detector. <i>Biosensors and Bioelectronics</i> , 2015 , 68, 322-328	11.8	51
209	Lipid profiling of mammalian cells with in situ matrix-assisted laser desorption ionization-mass spectrometry. <i>Science China Chemistry</i> , 2014 , 57, 442-446	7.9	11
208	Determination of gouty arthritis' biomarkers in human urine using reversed-phase high-performance liquid chromatography. <i>Journal of Pharmaceutical Analysis</i> , 2014 , 4, 153-158	14	20
207	Silicon-hybrid carbon dots strongly enhance the chemiluminescence of luminol. <i>Mikrochimica Acta</i> , 2014 , 181, 805-811	5.8	27
206	Online monodisperse droplets based liquid-liquid extraction on a continuously flowing system by using microfluidic devices. <i>RSC Advances</i> , 2014 , 4, 11919	3.7	18
205	High-throughput and automatic typing via human papillomavirus identification map for cervical cancer screening and prognosis. <i>Analyst, The</i> , 2014 , 139, 3330-5	5	12
204	Preparation of durable graphene-bonded titanium fibers for efficient microextraction of phthalates from aqueous matrices and analysis with gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1370, 9-16	4.5	22
203	Statistical single-cell analysis of cell cycle-dependent quantum dot cytotoxicity and cellular uptake using a microfluidic system. <i>RSC Advances</i> , 2014 , 4, 24929-24934	3.7	17
202	One-step enrichment and chemiluminescence detection of sodium dodecyl benzene sulfonate in river water using Mg-Al-carbonate layered double hydroxides. <i>Talanta</i> , 2014 , 120, 268-73	6.2	14
201	Layered Double Hydroxide-Supported Carbon Dots as an Efficient Heterogeneous Fenton-Like Catalyst for Generation of Hydroxyl Radicals. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 10441-10447	3.8	68
200	Recent advances in microchip-mass spectrometry for biological analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 53, 84-97	14.6	73
199	A portable microchip for ultrasensitive and high-throughput assay of thrombin by rolling circle amplification and hemin/G-quadruplex system. <i>Biosensors and Bioelectronics</i> , 2014 , 56, 71-6	11.8	61
198	Interfacing microsampling droplets and mass spectrometry by paper spray ionization for online chemical monitoring of cell culture. <i>Analytical Chemistry</i> , 2014 , 86, 7128-34	7.8	62
197	Microwave assisted extraction-solid phase extraction for high-efficient and rapid analysis of monosaccharides in plants. <i>Talanta</i> , 2014 , 129, 404-10	6.2	18
196	ZnO nanowire arrays exhibit cytotoxic distinction to cancer cells with different surface charge density: cytotoxicity is charge-dependent. <i>Small</i> , 2014 , 10, 4113-7	11	17
195	Determination of cysteine, homocysteine, cystine, and homocystine in biological fluids by HPLC using fluorosurfactant-capped gold nanoparticles as postcolumn colorimetric reagents. <i>Journal of Separation Science</i> , 2014 , 37, 30-6	3.4	28
194	Molecularly imprinted polymer for pre-concentration of esculetin from tobacco followed by the UPLC analysis. <i>Science China Chemistry</i> , 2014 , 57, 1751-1759	7.9	5

193	Determination of polybrominated diphenyl ethers in river water by combination of liquid-liquid extraction and gas chromatography-mass spectrometry. <i>Chinese Chemical Letters</i> , 2014 , 25, 1225-1229	8.1	4
192	Quantum dots-enhanced chemiluminescence: Mechanism and application. <i>Coordination Chemistry Reviews</i> , 2014 , 263-264, 86-100	23.2	147
191	Adsorption of environmental pollutants using magnetic hybrid nanoparticles modified with Cyclodextrin. <i>Applied Surface Science</i> , 2014 , 305, 267-273	6.7	61
190	Paper spray mass spectrometry-based method for analysis of droplets in a gravity-driven microfluidic chip. <i>Analyst, The</i> , 2014 , 139, 1023-9	5	23
189	Recent advances in coupling techniques of microfluidic device-mass spectrometry for cell analysis. <i>Scientia Sinica Chimica</i> , 2014 , 44, 777-783	1.6	6
188	Production of superoxide anion radicals as evidence for carbon nanodots acting as electron donors by the chemiluminescence method. <i>Chemical Communications</i> , 2013 , 49, 5871-3	5.8	106
187	Detection of BCR-ABL using one step reverse transcriptase- polymerase chain reaction and microchip electrophoresis. <i>Methods</i> , 2013 , 64, 250-4	4.6	11
186	Recent advances in microfluidics combined with mass spectrometry: technologies and applications. <i>Lab on A Chip</i> , 2013 , 13, 3309-22	7.2	98
185	High-performance liquid chromatography assay of cysteine and homocysteine using fluorosurfactant-functionalized gold nanoparticles as postcolumn resonance light scattering reagents. <i>Journal of Chromatography A</i> , 2013 , 1274, 145-50	4.5	40
184	Inkjet nanoinjection for high-throughput chemiluminescence immunoassay on multicapillary glass plate. <i>Analytical Chemistry</i> , 2013 , 85, 7413-8	7.8	48
183	Microfluidic isolation of highly pure embryonic stem cells using feeder-separated co-culture system. <i>Scientific Reports</i> , 2013 , 3, 2433	4.9	44
182	Peroxide induced ultra-weak chemiluminescence and its application in analytical chemistry. <i>Analyst, The</i> , 2013 , 138, 5182-93	5	52
181	Quantitative analysis of elements (C, N, O, Al, Si and Fe) in polyamide with wavelength dispersive X-ray fluorescence spectrometry. <i>Science China Chemistry</i> , 2013 , 56, 1164-1170	7.9	5
180	A parallel G-quadruplex-selective luminescent probe for the detection of nanomolar calcium(II) ion. <i>Methods</i> , 2013 , 64, 212-7	4.6	23
179	A microscale solid-phase extraction poly(dimethylsiloxane) chip for enrichment and fluorescent detection of metal ions. <i>Talanta</i> , 2013 , 116, 1005-9	6.2	9
178	Analysis of keto-enol tautomers of curcumin by liquid chromatography/mass spectrometry. <i>Chinese Chemical Letters</i> , 2013 , 24, 685-687	8.1	39
177	Strategy for signaling molecule detection by using an integrated microfluidic device coupled with mass spectrometry to study cell-to-cell communication. <i>Analytical Chemistry</i> , 2013 , 85, 868-76	7.8	79
176	Automated high performance liquid chromatography with on-line reduction of disulfides and chemiluminescence detection for determination of thiols and disulfides in biological fluids. <i>Analytica Chimica Acta</i> , 2013 , 768, 96-101	6.6	20

175	Determination of mini-short tandem repeat (miniSTR) loci by using the combination of polymerase chain reaction (PCR) and microchip electrophoresis. <i>Talanta</i> , 2013 , 114, 131-7	6.2	17
174	A piezoelectric drop-on-demand generator for accurate samples in capillary electrophoresis. <i>Talanta</i> , 2013 , 107, 111-7	6.2	24
173	Plasmonic luminescent core-shell nanocomposites-enhanced chemiluminescence arising from the decomposition of peroxomonosulfite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 116, 355-60	4.4	12
172	Development and applications of paper-based electrospray ionization-mass spectrometry for monitoring of sequentially generated droplets. <i>Analyst, The</i> , 2013 , 138, 2163-70	5	32
171	A simple and versatile microfluidic cell density gradient generator for quantum dot cytotoxicity assay. <i>Lab on A Chip</i> , 2013 , 13, 1948-54	7.2	41
170	Application of carbon-based nanomaterials in sample preparation: a review. <i>Analytica Chimica Acta</i> , 2013 , 784, 1-17	6.6	325
169	Characterization of drug permeability in Caco-2 monolayers by mass spectrometry on a membrane-based microfluidic device. <i>Lab on A Chip</i> , 2013 , 13, 978-85	7.2	98
168	Generation of picoliter droplets of liquid for electrospray ionization with piezoelectric inkjet. <i>Journal of Mass Spectrometry</i> , 2013 , 48, 321-8	2.2	20
167	Rapid determination of residual pesticides in tobacco by the quick, easy, cheap, effective, rugged, and safe sample pretreatment method coupled with LC-MS. <i>Journal of Separation Science</i> , 2013 , 36, 2522-9	2.4	17
166	Self-catalytic degradation of ortho-chlorophenol with Fenton's reagent studied by chemiluminescence. <i>Journal of Environmental Sciences</i> , 2012 , 24, 550-7	6.4	19
165	Nondestructive estimation of strength deterioration in photovoltaic backsheets using a portable near infrared spectrometer. <i>Solar Energy Materials and Solar Cells</i> , 2012 , 101, 166-169	6.4	17
164	Recent developments in microfluidic devices for in vitro cell culture for cell-biology research. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 35, 150-164	14.6	64
163	Classical oxidant induced chemiluminescence of fluorescent carbon dots. <i>Chemical Communications</i> , 2012 , 48, 1051-3	5.8	161
162	Determination of ammonia in water based on chemiluminescence resonance energy transfer between peroxymonocarbonate and branched NaYF ₄ :Yb ³⁺ /Er ³⁺ nanoparticles. <i>Analytical Chemistry</i> , 2012 , 84, 8871-9	7.8	59
161	Improved Chemiluminescence in Fenton-Like Reaction via Dodecylbenzene-Sulfonate-Intercalated Layered Double Hydroxides. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 14711-14716	3.8	48
160	Plasmon-Assisted Enhancement of the Ultraweak Chemiluminescence Using Cu/Ni Metal Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 14796-14803	3.8	31
159	Gas dispersion concentration of trace inorganic contaminants from fuel gas and analysis using head-column field-amplified sample stacking capillary electrophoresis. <i>Analyst, The</i> , 2012 , 137, 3710-6	5	7
158	Qualitative and quantitative analysis of tumor cell metabolism via stable isotope labeling assisted microfluidic chip electrospray ionization mass spectrometry. <i>Analytical Chemistry</i> , 2012 , 84, 1695-701	7.8	112

157	Evaluation of the absorption of methotrexate on cells and its cytotoxicity assay by using an integrated microfluidic device coupled to a mass spectrometer. <i>Analytical Chemistry</i> , 2012 , 84, 9230-7	7.8	58
156	Enhancing effect of alcoholic solvent on hydrosulfite-hydrogen peroxide chemiluminescence system. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 2192-7	2.8	14
155	Preparation of hydrophilic carbon-functionalized magnetic microspheres coated with chitosan and application in solid-phase extraction of bisphenol A in aqueous samples. <i>Talanta</i> , 2012 , 89, 189-94	6.2	52
154	Carbon nanodots sensitized chemiluminescence on peroxomonosulfate-sulfite-hydrochloric acid system and its analytical applications. <i>Talanta</i> , 2012 , 99, 471-7	6.2	45
153	Vortex solvent bar microextraction for phthalate esters from aqueous matrices. <i>Talanta</i> , 2012 , 100, 64-70	6.2	29
152	Development of an automatic multi-channel ink-jet ejection chemiluminescence system and its application to the determination of horseradish peroxidase. <i>Analytica Chimica Acta</i> , 2012 , 739, 77-82	6.6	27
151	Comparison of chemiluminescence enzyme immunoassay based on magnetic microparticles with traditional colorimetric ELISA for the detection of serum α -fetoprotein. <i>Journal of Pharmaceutical Analysis</i> , 2012 , 2, 130-135	14	27
150	Capture of cervical exfoliative cells on a glass slide coated by 3-glycidyloxypropyl trimethoxysilane and poly-L-lysine. <i>Journal of Pharmaceutical Analysis</i> , 2012 , 2, 174-179	14	4
149	Organo-Modified Layered Double Hydroxides Switch-On Chemiluminescence. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 6371-6375	3.8	32
148	Automated online pretreatment and cleanup recycle coupled with high-performance liquid chromatography-mass spectrometry for determination of deca-bromodiphenyl ether in human serum. <i>Journal of Separation Science</i> , 2012 , 35, 2553-8	3.4	8
147	Imitation of drug metabolism in human liver and cytotoxicity assay using a microfluidic device coupled to mass spectrometric detection. <i>Lab on A Chip</i> , 2012 , 12, 219-26	7.2	80
146	Cytotoxicity of quantum dots assay on a microfluidic 3D-culture device based on modeling diffusion process between blood vessels and tissues. <i>Lab on A Chip</i> , 2012 , 12, 3474-80	7.2	50
145	Targeted isolation and analysis of single tumor cells with aptamer-encoded microwell array on microfluidic device. <i>Lab on A Chip</i> , 2012 , 12, 5180-5	7.2	75
144	On-line solid phase extraction of humic acid from environmental water and monitoring with flow-through chemiluminescence. <i>Analyst, The</i> , 2012 , 137, 1824-30	5	11
143	Comparison of two different deposition methods of 3-aminopropyltriethoxysilane on glass slides and their application in the ThinPrep cytologic test. <i>Analyst, The</i> , 2012 , 137, 1669-73	5	17
142	Determination of benzo[a]pyrene-7,10-quinone in airborne particulates by using a chemiluminescence reaction of hydrogen peroxide and hydrosulfite. <i>Analytical Chemistry</i> , 2012 , 84, 3215-21	7.8	35
141	Determination of trace anions in liquefied petroleum gas using liquid absorption and electrokinetic migration for enrichment followed by ion chromatography. <i>Journal of Separation Science</i> , 2012 , 35, 1365-71	3.4	2
140	A microfluidic photolithography for controlled encapsulation of single cells inside hydrogel microstructures. <i>Science China Chemistry</i> , 2012 , 55, 494-501	7.9	13

139	On-chip sample pretreatment using a porous polymer monolithic column for solid-phase microextraction and chemiluminescence determination of catechins in green tea. <i>Analyst, The</i> , 2011 , 136, 4260-7	5	23
138	Peroxy-nitrous-acid-induced chemiluminescence of fluorescent carbon dots for nitrite sensing. <i>Analytical Chemistry</i> , 2011 , 83, 8245-51	7.8	364
137	Particle sorting using a porous membrane in a microfluidic device. <i>Lab on A Chip</i> , 2011 , 11, 238-45	7.2	108
136	Chemiluminescence enzyme immunoassay based on magnetic nanoparticles for detection of hepatocellular carcinoma marker glypican-3. <i>Journal of Pharmaceutical Analysis</i> , 2011 , 1, 166-174	14	13
135	Micro-plate chemiluminescence enzyme immunoassay for aflatoxin B1 in agricultural products. <i>Talanta</i> , 2011 , 84, 216-22	6.2	29
134	Hydrogen peroxide-sodium hydrosulfite chemiluminescence system combined with high-performance liquid chromatography for determination of 1-hydroxypyrene in airborne particulates. <i>Talanta</i> , 2011 , 85, 2711-4	6.2	16
133	Determination of phthalate esters in physiological saline solution by monolithic silica spin column extraction method. <i>Journal of Pharmaceutical Analysis</i> , 2011 , 1, 92-99	14	10
132	Producing Area Identification and Medical Component Determination of Schisandra chinensis and Schisandra sphenanthera by Near Infrared Spectroscopy. <i>Bunseki Kagaku</i> , 2011 , 60, 813-817	0.2	2
131	Rare cell chemiluminescence detection based on aptamer-specific capture in microfluidic channels. <i>Biosensors and Bioelectronics</i> , 2011 , 28, 438-42	11.8	53
130	Specific detection of cysteine and homocysteine in biological fluids by tuning the pH values of fluorosurfactant-stabilized gold colloidal solution. <i>Biosensors and Bioelectronics</i> , 2011 , 30, 211-5	11.8	69
129	Fluorosurfactant-prepared triangular gold nanoparticles as postcolumn chemiluminescence reagents for high-performance liquid chromatography assay of low molecular weight aminothiols in biological fluids. <i>Journal of Chromatography A</i> , 2011 , 1218, 9064-70	4.5	31
128	Determination of parabens in cosmetic products by solid-phase microextraction of poly(ethylene glycol) diacrylate thin film on fibers and ultra high-speed liquid chromatography with diode array detector. <i>Journal of Separation Science</i> , 2011 , 34, 1599-606	3.4	56
127	Homogeneous detection of concanavalin A using pyrene-conjugated maltose assembled graphene based on fluorescence resonance energy transfer. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 4497-502	11.8	73
126	Combination of dynamic hollow fiber liquid-phase microextraction with HPLC analysis for the determination of UV filters in cosmetic products. <i>Science China Chemistry</i> , 2011 , 54, 1627-1634	7.9	7
125	Trace detection of hormones and sulfonamides in viscous cosmetic products by neutral desorption extractive electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2011 , 46, 794-803	2.2	15
124	A Novel Chemiluminescence Immunoassay Using Solid-Phase Antigen for Free 17 β Estradiol in Human Serum. <i>Chinese Journal of Chemistry</i> , 2011 , 29, 2520-2524	4.9	4
123	Enhanced chemiluminescence of peroxomonosulfate-cobalt (II) system in the presence of dicarboxylic acids. <i>Luminescence</i> , 2011 , 26, 280-8	2.5	1
122	Aminothiols Sensing Based on Fluorosurfactant-Mediated Triangular Gold Nanoparticle-Catalyzed Luminol Chemiluminescence. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 10964-10970	3.8	72

121	Cell signaling analysis by mass spectrometry under coculture conditions on an integrated microfluidic device. <i>Analytical Chemistry</i> , 2011 , 83, 9306-13	7.8	43
120	Flow-injection analysis of hydrogen peroxide based on carbon nanospheres catalyzed hydrogen carbonate-hydrogen peroxide chemiluminescent reaction. <i>Analyst, The</i> , 2011 , 136, 1957-64	5	34
119	Simultaneous determination of phosphate and calcium in river water samples by capillary zone electrophoresis with UV detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2011 , 91, 255-262	1.8	10
118	Enhancement of Ultraweak Chemiluminescence from Reaction of Hydrogen Peroxide and Bisulfite by Water-Soluble Carbon Nanodots. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 21707-21714	3.8	106
117	Chemiluminescence from NaClO ₂ H ₂ O ₂ and enhanced by l-cysteine capped Mn-doped ZnS quantum-dots. <i>Journal of Luminescence</i> , 2011 , 131, 1991-1997	3.8	38
116	Fluorosurfactant-capped gold nanoparticles-enhanced chemiluminescence from hydrogen peroxide-hydroxide and hydrogen peroxide-bicarbonate in presence of cobalt(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 78, 700-5	4.4	16
115	Suspending nanoliter droplet arrays for cell capture and copper ion stimulation. <i>Sensors and Actuators B: Chemical</i> , 2011 , 155, 415-421	8.5	2
114	Preparation of surface imprinting polymer capped Mn-doped ZnS quantum dots and their application for chemiluminescence detection of 4-nitrophenol in tap water. <i>Analytical Chemistry</i> , 2010 , 82, 7380-6	7.8	210
113	Development, characterization, and application of paper spray ionization. <i>Analytical Chemistry</i> , 2010 , 82, 2463-71	7.8	535
112	Fabrication of microwell arrays based on two-dimensional ordered polystyrene microspheres for high-throughput single-cell analysis. <i>Analytical Chemistry</i> , 2010 , 82, 9418-24	7.8	57
111	Indirect- and direct-acting mutagenicity of diesel, coal and wood burning-derived particulates and contribution of polycyclic aromatic hydrocarbons and nitropolycyclic aromatic hydrocarbons. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010 , 695, 29-34	3	53
110	Determination of L-ascorbic acid in human serum by chemiluminescence based on hydrogen peroxide-sodium hydrogen carbonate-CdSe/CdS quantum dots system. <i>Talanta</i> , 2010 , 81, 1688-96	6.2	124
109	Determination of bisphenol A based on chemiluminescence from gold(III)-peroxymonocarbonate. <i>Talanta</i> , 2010 , 82, 1576-80	6.2	55
108	Double-codified nanogold particles based automated flow-through CLEIA for 2,4-dinitrotoluene. <i>Analytical Methods</i> , 2010 , 2, 824	3.2	12
107	Thermal Stability of Thiazide and Related Diuretics During Superheated Water Chromatography. <i>Chromatographia</i> , 2010 , 72, 1177-1181	2.1	12
106	Chemiluminescence arising from the decomposition of peroxymonocarbonate and enhanced by CdTe quantum dots. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 10049-58	2.8	80
105	Multi-channel microfluidic devices combined with electrospray ionization quadrupole time-of-flight mass spectrometry applied to the monitoring of glutamate release from neuronal cells. <i>Analyst, The</i> , 2010 , 135, 2043-50	5	32
104	Microfluidic cell culture and metabolism detection with electrospray ionization quadrupole time-of-flight mass spectrometer. <i>Analytical Chemistry</i> , 2010 , 82, 5679-85	7.8	71

103	Trace Analysis of Fifteen Androgens in Environmental Waters by LC-ESI-MS-MS Combined with Solid-Phase Disk Extraction Cleanup. <i>Chromatographia</i> , 2010 , 71, 867-873	2.1	18
102	Determination of trace silver in waste water by 9,10-dimethylacridinium fluorosulfonate-K ₂ S ₂ O ₈ chemiluminescence system. <i>Chinese Journal of Chemistry</i> , 2010 , 9, 499-505	4.9	2
101	Determination of chloride ion by electrochemiluminescence and investigation of the mechanism. <i>Chinese Journal of Chemistry</i> , 2010 , 10, 417-423	4.9	2
100	A review on applications of chemiluminescence detection in food analysis. <i>Analytica Chimica Acta</i> , 2010 , 670, 1-10	6.6	134
99	Micro-plate magnetic chemiluminescence immunoassay and its applications in carcinoembryonic antigen analysis. <i>Science China Chemistry</i> , 2010 , 53, 812-819	7.9	21
98	Chemiluminescence behavior of sodium hydrogen carbonate in the potassium permanganate-hydrogen peroxide reaction. <i>Science China Chemistry</i> , 2010 , 53, 1784-1792	7.9	5
97	Sensitized chemiluminescence reaction between hydrogen peroxide and periodate of different types of Mn-doped ZnS quantum dots. <i>Science Bulletin</i> , 2010 , 55, 3479-3484		15
96	Chemiluminescence and energy transfer mechanism of lanthanide ions in different media based on peroxomonosulfate system. <i>Luminescence</i> , 2010 , 25, 322-7	2.5	16
95	A microfluidic approach for anticancer drug analysis based on hydrogel encapsulated tumor cells. <i>Analytica Chimica Acta</i> , 2010 , 665, 7-14	6.6	34
94	Development of a competitive radioimmunoassay for glypican-3 and the clinical application in diagnosis of hepatocellular carcinoma. <i>Clinical Biochemistry</i> , 2010 , 43, 1003-8	3.5	29
93	Development and Application of Dispersion Solid-Phase Extraction for Estrogens in Aquatic Animal Samples. <i>Analytical Letters</i> , 2009 , 42, 29-44	2.2	4
92	Evaluation of alpha-fetoprotein (AFP) in human serum by chemiluminescence enzyme immunoassay with magnetic particles and coated tubes as solid phases. <i>Analytica Chimica Acta</i> , 2009 , 631, 212-7	6.6	33
91	A microchip to analyze single crystal growth and size-controllability. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 1014-1020		3
90	A three-dimensional vortex microsystem designed and fabricated for controllable mixing. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 1080-1084		1
89	On-chip solid phase extraction coupled with electrophoresis using modified magnetic microspheres as stationary phase. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 2287-2294		7
88	Flow-based luminescence-sensing methods for environmental water analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 75-87	14.6	41
87	Molecularly imprinted solid-phase extraction combined with high performance liquid chromatography for analysis of phenolic compounds from environmental water samples. <i>Journal of Hazardous Materials</i> , 2009 , 167, 282-8	12.8	98
86	Magnetic particle-based chemiluminescence enzyme immunoassay for free thyroxine in human serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 891-6	3.5	31

85	Singlet oxygen generated from the decomposition of peroxymonocarbonate and its observation with chemiluminescence method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 72, 126-32	4.4	34
84	Determination of estrogens and bisphenol A in bovine milk by automated on-line C30 solid-phase extraction coupled with high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 7539-45	4.5	101
83	Analysis of herbicides on a single C(30) bead via a microfluidic device combined with electrospray ionization quadrupole time-of-flight mass spectrometer. <i>Journal of Chromatography A</i> , 2009 , 1216, 9134-42	4.5	19
82	Electrochemical detection of DNA hybridization based on bio-bar code method. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 3140-3	11.8	41
81	Molecularly imprinted polymer as micro-solid phase extraction combined with high performance liquid chromatography to determine phenolic compounds in environmental water samples. <i>Analytica Chimica Acta</i> , 2009 , 650, 70-6	6.6	103
80	Simultaneous Determination of Ten Estrogens and their Metabolites in Waters by Improved Two-Step SPE Followed by LCMS. <i>Chromatographia</i> , 2009 , 69, 621-628	2.1	21
79	Enantiomeric Separation of Two Antiparkinsonian Drugs by Electrokinetic Chromatography Using Dextran Sulfate. <i>Chromatographia</i> , 2009 , 70, 817-824	2.1	4
78	Enantioseparation of Tropic Acid and Its Esters by CEKC Using Sulfated β -Cyclodextrin as a Chiral Selector. <i>Chromatographia</i> , 2009 , 70, 1763-1765	2.1	2
77	Chemiluminescence mechanisms of cerium-norfloxacin and its application in urine analysis. <i>Chemical Papers</i> , 2009 , 63,	1.9	5
76	Magnetic solid-phase extraction based on octadecyl functionalization of monodisperse magnetic ferrite microspheres for the determination of polycyclic aromatic hydrocarbons in aqueous samples coupled with gas chromatography-mass spectrometry. <i>Talanta</i> , 2009 , 77, 1037-42	6.2	206
75	Molecularly imprinted solid-phase extraction for the selective determination of 17 β -estradiol in fishery samples with high performance liquid chromatography. <i>Talanta</i> , 2009 , 78, 442-7	6.2	135
74	Determination of brominated flame retardants in electrical and electronic equipments with microwave-assisted extraction and gas chromatography-mass spectrometry. <i>Talanta</i> , 2009 , 78, 1429-35	6.2	26
73	Immunomagnetic separation and rapid detection of bacteria using bioluminescence and microfluidics. <i>Talanta</i> , 2009 , 79, 787-95	6.2	64
72	A Chemometrics Approach for Distinguishing between Beers Using near Infrared Spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2009 , 17, 69-76	1.5	14
71	Controlled photopolymerization of hydrogel microstructures inside microchannels for bioassays. <i>Lab on A Chip</i> , 2009 , 9, 1301-5	7.2	40
70	Comparison and optimization of several pretreatment techniques for determination of decabrominated diphenyl ether in polymer samples by gas chromatography mass spectrometry. <i>Analytical Sciences</i> , 2009 , 25, 523-7	1.7	5
69	Chemiluminescence from the decomposition of peroxymonocarbonate catalyzed by gold nanoparticles. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 7850-5	3.4	73
68	Rapid and sensitive determination of polycyclic aromatic hydrocarbons in atmospheric particulates using fast high-performance liquid chromatography with on-line enrichment system. <i>Talanta</i> , 2008 , 74, 986-91	6.2	7

67	Determination of folic acid by chemiluminescence based on peroxomonosulfate-cobalt(II) system. <i>Talanta</i> , 2008 , 74, 1154-9	6.2	97
66	Simultaneous determination of inorganic anions and cations in explosive residues by ion chromatography. <i>Talanta</i> , 2008 , 76, 241-5	6.2	38
65	Development of high-performance magnetic chemiluminescence enzyme immunoassay for alpha-fetoprotein (AFP) in human serum. <i>Clinica Chimica Acta</i> , 2008 , 393, 90-4	6.2	61
64	Experimental studies on the chemiluminescence reaction mechanism of carbonate/bicarbonate and hydrogen peroxide in the presence of cobalt(II). <i>Journal of Physical Chemistry A</i> , 2008 , 112, 618-23	2.8	75
63	Using a circular groove surrounded inlet to generate monodisperse droplets inside a microfluidic chip in a gravity-driven manner. <i>Journal of Micromechanics and Microengineering</i> , 2008 , 18, 095014	2	11
62	Using bamboo charcoal as solid-phase extraction adsorbent for the ultratrace-level determination of perfluorooctanoic acid in water samples by high-performance liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 1671-6	4.4	19
61	Microplate chemiluminescence enzyme immunoassay for the quantitative evaluation of carbohydrate antigen 72-4 in human serum. <i>Science Bulletin</i> , 2008 , 53, 2958-2963	10.6	5
60	Determination of Rifampicin by Peroxomonosulfate-Cobalt(II) Chemiluminescence System. <i>Chinese Journal of Chemistry</i> , 2008 , 26, 905-910	4.9	11
59	Coupling a microchip with electrospray ionization quadrupole time-of-flight mass spectrometer for peptide separation and identification. <i>Electrophoresis</i> , 2008 , 29, 1889-94	3.6	9
58	Reaction mechanism of surfactant-sensitized chemiluminescence of bis(2,4,6-trichlorophenyl) oxalate and hydrogen peroxide induced by gold nanoparticles. <i>Luminescence</i> , 2008 , 23, 381-5	2.5	16
57	Determination of estradiol in human serum using magnetic particles-based chemiluminescence immunoassay. <i>Analytica Chimica Acta</i> , 2008 , 627, 277-84	6.6	36
56	On-line liquid chromatography-mass spectrometry with dilution line to achieve large volume urine injection for the improvement of sensitivity. <i>Journal of Chromatography A</i> , 2008 , 1198-1199, 87-94	4.5	20
55	On-Line Sample Treatment LC System for MS Compatibility. <i>Chromatographia</i> , 2008 , 67, 773-776	2.1	3
54	Study on the generation mechanism of reactive oxygen species on calcium peroxide by chemiluminescence and UV-visible spectra. <i>Luminescence</i> , 2007 , 22, 575-80	2.5	36
53	Chemiluminescence of the peroxomonosulphate-cobalt(II)-aliphatic monocarboxylic acids system. <i>Luminescence</i> , 2007 , 22, 182-8	2.5	9
52	Chip-based CE coupled to a quadrupole TOF mass spectrometer for the analysis of a glycopeptide. <i>Electrophoresis</i> , 2007 , 28, 1305-11	3.6	15
51	Solid-phase extraction with C30 bonded silica for analysis of polycyclic aromatic hydrocarbons in airborne particulate matters by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1154, 74-80	4.5	63
50	Continuous-flow microextraction and gas chromatographic-mass spectrometric determination of polycyclic aromatic hydrocarbon compounds in water. <i>Analytica Chimica Acta</i> , 2007 , 585, 294-9	6.6	40

49	Evaluation of carbohydrate antigen 50 in human serum using magnetic particle-based chemiluminescence enzyme immunoassay. <i>Analytica Chimica Acta</i> , 2007 , 598, 261-7	6.6	31
48	Determination of riboflavin by enhancing the chemiluminescence intensity of peroxomonosulfate-cobalt(II) system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007 , 66, 1222-7	4.4	30
47	Development of a sensitive micro-magnetic chemiluminescence enzyme immunoassay for the determination of carcinoembryonic antigen. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 1965-71	4.4	60
46	Sensitive monitoring of humic acid in various aquatic environments with acidic cerium chemiluminescence detection. <i>Analytical Sciences</i> , 2007 , 23, 1189-93	1.7	21
45	Preface. China-Japan-Korea Environmental Analysis--C-J-K Environmental 2006. <i>Talanta</i> , 2007 , 72, 1599	6.2	
44	On-line preparation of peroxydicarbonate and its application for the study of energy transfer chemiluminescence to lanthanide inorganic coordinate complexes. <i>Luminescence</i> , 2006 , 21, 179-85	2.5	17
43	Determination of phenol in landfill leachate by using microchip capillary electrophoresis with end-channel amperometric detection. <i>Journal of Separation Science</i> , 2006 , 29, 137-43	3.4	20
42	Chemiluminescence energy transfer reaction for the on-line preparation of peroxydicarbonate and Eu(II)-dipicolinate complex. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 7509-14	2.8	35
41	Development of a gel monolithic column polydimethylsiloxane microfluidic device for rapid electrophoresis separation. <i>Talanta</i> , 2006 , 69, 226-31	6.2	32
40	Separation of catecholamines by microchip electrophoresis with a simple integrated laser-induced fluorescence detector. <i>Analytica Chimica Acta</i> , 2006 , 565, 183-189	6.6	32
39	Automated on-line liquid chromatography-photodiode array-mass spectrometry method with dilution line for the determination of bisphenol A and 4-octylphenol in serum. <i>Journal of Chromatography A</i> , 2006 , 1133, 142-8	4.5	62
38	Reactive oxygen species and their chemiluminescence-detection methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2006 , 25, 985-995	14.6	156
37	Separation of Organomercury Species Using Nonaqueous Capillary Electrophoresis Coupled with Sample Stacking and Electrokinetic Injection Techniques. <i>Chromatographia</i> , 2006 , 64, 281-285	2.1	8
36	Development of a micro-plate magnetic chemiluminescence enzyme immunoassay (MMCLEIA) for rapid- and high-throughput analysis of 17beta-estradiol in water samples. <i>Journal of Biotechnology</i> , 2005 , 118, 177-86	3.7	39
35	Speciation analysis of inorganic arsenic by microchip capillary electrophoresis coupled with hydride generation atomic fluorescence spectrometry. <i>Journal of Chromatography A</i> , 2005 , 1081, 232-7	4.5	33
34	Development of a new hybrid technique for rapid speciation analysis by directly interfacing a microfluidic chip-based capillary electrophoresis system to atomic fluorescence spectrometry. <i>Electrophoresis</i> , 2005 , 26, 2261-8	3.6	41
33	Simultaneous separation of nine metal ions and ammonium with nonaqueous capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004 , 1022, 217-21	4.5	23
32	A compactly integrated laser-induced fluorescence detector for microchip electrophoresis. <i>Electrophoresis</i> , 2004 , 25, 1907-15	3.6	64

31	Capillary electrophoresis microchip coupled with on-line chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2004 , 508, 11-15	6.6	40
30	Chemiluminescence study of carbonate and peroxyntrous acid and its application to the direct determination of nitrite based on solid surface enhancement. <i>Analytica Chimica Acta</i> , 2004 , 510, 29-34	6.6	45
29	Carbonate-catalyzed chemiluminescence decomposition of peroxyntrite via (CO ₂) ₂ * intermediate. <i>Catalysis Today</i> , 2004 , 90, 343-347	5.3	25
28	Determination of total bilirubin in human serum by chemiluminescence from the reaction of bilirubin and peroxyntrite. <i>Talanta</i> , 2004 , 63, 333-7	6.2	42
27	An end-channel amperometric detector for microchip capillary electrophoresis. <i>Talanta</i> , 2004 , 64, 338-446	6.2	25
26	Integration of a flow-type chemiluminescence detector on a glass electrophoresis chip. <i>Talanta</i> , 2004 , 64, 1024-9	6.2	35
25	Simultaneous determination of copper(II) and cobalt(II) by ion chromatography coupled with chemiluminescent detection. <i>Analytical Sciences</i> , 2003 , 19, 557-61	1.7	22
24	Microheterogeneous systems of micelles and microemulsions as reaction media in chemiluminescent analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2003 , 22, 99-107	14.6	99
23	Comparison of three different anionic surfactants for the separation of hydrophobic compounds by nonaqueous capillary electrophoresis. <i>Electrophoresis</i> , 2002 , 23, 421-5	3.6	16
22	Flow-injection chemiluminescent determination of nitrite in water based on the formation of peroxyntrite from the reaction of nitrite and hydrogen peroxide. <i>Analytica Chimica Acta</i> , 2002 , 474, 107-114	6.6	55
21	Inspection of the reversal of enantiomer migration order in ligand exchange micellar electrokinetic capillary chromatography. <i>Biomedical Chromatography</i> , 2001 , 15, 207-11	1.7	10
20	Chemiluminescent flow sensor for H ₂ O ₂ based on the decomposition of H ₂ O ₂ catalyzed by cobalt(II)-ethanolamine complex immobilized on resin. <i>Analytica Chimica Acta</i> , 2001 , 426, 57-64	6.6	213
19	Chemiluminescent flow-through sensor for 1,10-phenanthroline based on the combination of molecular imprinting and chemiluminescence. <i>Analyst, The</i> , 2001 , 126, 810-5	5	49
18	Luminol chemiluminescence in unbuffered solutions with a cobalt(II)-ethanolamine complex immobilized on resin as catalyst and its application to analysis. <i>Analytical Chemistry</i> , 2001 , 73, 5043-51	7.8	86
17	Reversal Behaviors of the Enantiomer Migration Order and the Stereo-selectivity of Cu(II) Complex with Amino Acid Enantiomers in Ligand Exchange-Micellar Electrokinetic Chromatography.. <i>Analytical Sciences</i> , 2000 , 16, 131-137	1.7	37
16	Chemiluminescence behavior of the decomposition of hydrogen peroxide catalyzed by copper(II) amino acid complexes and its application to the determination of tryptophan and phenylalanine. <i>Analytica Chimica Acta</i> , 2000 , 409, 65-73	6.6	66
15	Chemiluminescent reaction of fluorescent organic compounds with KHSO ₅ using cobalt(II) as catalyst and its first application to molecular imprinting. <i>Analytical Chemistry</i> , 2000 , 72, 1148-55	7.8	85
14	Chemiluminescence of indole compounds based on oxidation with singlet oxygen generated chemically by the sodium molybdate hydrogen peroxide system. <i>Analyst, The</i> , 2000 , 125, 2075-2078	5	19

13	On-line chemiluminescence detection for capillary electrophoresis based on the reaction of barium peroxide with luminescence reagents. <i>Journal of Chromatography A</i> , 1999 , 844, 341-348	4.5	21
12	Oxidation Reaction between Periodate and Polyhydroxyl Compounds and Its Application to Chemiluminescence. <i>Analytical Chemistry</i> , 1999 , 71, 1760-6	7.8	123
11	Separation behavior of amino acid enantiomers in ligand exchange micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 1999 , 11, 534-540		26
10	Separation of hydrophobic compounds by nonaqueous micellar electrokinetic chromatography using formamide solvent.. <i>Bunseki Kagaku</i> , 1999 , 48, 239-244	0.2	4
9	Post-column detection of isoluminol-labelled bile acids on bariumperoxide as chemiluminescence reaction media.. <i>Bunseki Kagaku</i> , 1999 , 48, 945-948	0.2	3
8	Flow injection chemiluminescent determination of trace amounts of hydrogen peroxide in snow-water using KIO ₄ & CO ₃ system. <i>Analytica Chimica Acta</i> , 1998 , 371, 171-176	6.6	64
7	Characterization of reactive oxygen species on basic metal peroxides as reaction media for luminol and lucigenin chemiluminescence sensing.. <i>Bunseki Kagaku</i> , 1998 , 47, 417-422	0.2	7
6	Enantioseparation of D, L-Phenylalanine By Molecularly Imprinted Polymer Particles Filled Capillary Electrochromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997 , 20, 1489-1506 ^{1.3}		72
5	Temperature effect on chiral recognition of some amino acids with molecularly imprinted polymer filled capillary electrochromatography. <i>Biomedical Chromatography</i> , 1997 , 11, 298-302	1.7	74
4	Separation and determination of some stereoisomers by capillary gel electrophoresis with cyclodextrin incorporated in polyacrylamide gel. <i>Analytical and Bioanalytical Chemistry</i> , 1996 , 354, 451-4 ^{4.4}		9
3	Flow-injection analysis with chemiluminescent detection of sulphite using Na ₂ CO ₃ ?NaHCO ₃ -Cu ²⁺ system. <i>Analytica Chimica Acta</i> , 1996 , 323, 69-74	6.6	69
2	Chemiluminescence investigation of NH ₂ OH-fluorescein-Cu(2+) system and its application to copper analysis in serum. <i>Talanta</i> , 1995 , 42, 1619-23	6.2	20
1	Microfluidics-based single cell sequencing: moving towards more physiological analysis. <i>Science China Chemistry</i> , 1	7.9	1