The 9th Shanghai International Symposium on Analytical Chemistry (analytica China Conference 2018) Program

Theme：Analytical Chemistry for Health Science

主题：分析化学——让生命更健康

October 31 Wednesday	
培训班 Tutorials/Seminar	
Tutorial I (9:30-11:00) E1-M11	亲水作用色谱技术 HILIC: Background and Theory for a better Understanding and successful Method Development and Application Frank Michel, Sigma-Aldrich Merck Chemicals (Shanghai) Co., Ltd. 默克化工技术(上海)有限公司
Tutorial II (9:30 – 11:00) E1-M12	液相和气相的自动化样品前处理在食品，法医和材料挥发领域的应用 Automated Sample Preparation for LC and GC methods in food, forensic and material Yunyun Nie GERSTEL GmbH &Co.KG 盖斯特尔分析仪器有限公司
Tutorial III (11:15 – 12:45) E1-M11	基于代谢组学整合代谢通量与细胞代谢研究药物作用机制的策略 The strategy to integrate metabolic flux, cell metabolism with metabolomics to study the mechanism of drug action Yue Song Agilent Technologies (China) Co., Ltd. 安捷伦科技(中国)有限公司
Tutorial IV (11:15 – 12:45) E1-M12	利用表面多孔粒子液相色谱柱技术最大限度地提高环境和食品污染物的LC-MS/MS分析效率 Maximizing the Efficiency of LC/MS/MS Analysis of Environmental and Food Contaminants with Superficially Porous Particle Column Technology Xiaoning Lu RESTEK CORPORATION, 瑞思泰康科技(北京)有限公司
Tutorial V (14:00—16:00) E1-M13	解析环保新标准-水质 烷基汞的测定 吹扫捕集/气相色谱冷原子荧光光谱法及其应用之解方案 Analysis on the New Environmental Standard- "Water Quality—Determination of Alkyl Mercury—Purge and Trap Gas Chromatography/Cold Vapor Atomic Fluorescence Spectrometry" and its Practical Workflow Laiguo Chen Esensing analytical Technology Co., Ltd.上海仪真分析仪器有限公司
Tutorial VII (14:30-16:30) E4-M25	质者玲珑，谱度非凡——安捷伦串联质谱技术及应用新高度 Unbelieve powerful, Remarkably small——Agilent New MS Technology and Application Era Hui Dai; Ge Meng Agilent Technologies (China) Co., Ltd. 安捷伦科技(中国)有限公司
Workshop (9:30 – 13:00) E1-M13	预备色谱 Introductory Chromatography Tadeusz Gorecki University of Waterloo, Canada
第9届上海国际分析化学研讨会 开幕式&大会邀请报告 The 9th Shanghai International Symposium on Analytical Chemistry Opening & Plenary Session (13:30-16:40) E1-M19 Chairs: Jin-Ming Lin and Oliver J. Schmitz	
13:30-13:45	Welcome Speeches 林金明Jin-Ming Lin, Tsinghua University清华大学 Oliver J. Schmitz, University of Duisburg-Essen, Germany杜伊斯堡-埃森大学 FALK SENGER, Managing Director, Messe München慕尼黑博览集团董事总经理
13:45-14:25	活体内纳米材料的定量 Quantification of nanometrials in vivo 赵宇亮 Yuliang Zhao Academician, Chinese Academy of Sciences 中国科学院院士 National Center for Nanoscience and Technology, China 国家纳米科学中心
14:25-15:05	用于小型化分离和样品制备的多孔聚合物材料 Porous polymeric materials for miniaturised separations and sample preparation Emily Hilder University of South Australia 南澳大学
15:05-15:20	茶歇Tea break

15:20-16:00	高分辨率质谱与化学信息学相结合，用于标准化，常规的非靶向代谢组学 Integrating high resolution mass spectrometry with cheminformatics for standardized, routine non-targeted metabolomics Oliver Fiehn University of California, USA美国加州大学
16:00-16:40	用先进的分析技术探索天然产物的特性 Exploring Natural Product Characterisation with Advanced Analytical Technologies Philip Marriott Monash University莫纳什大学
16:40-17:30	墙报评选 Poster Award Selection
18:30-20:00 Holiday Inn Hotel	日立高新晚宴&墙报奖颁奖仪式 Hitachi High-Tech Dinner Party and Poster Award Giving Ceremony
November 1 Thursday	
培训班 Tutorials/Seminar	
Tutorial VI (13:00-17:00) E4-M25	细胞治疗过程工艺产业化技术研讨会 Symposium on industrial production technology of cell therapy Kui Chen;Xiang Chen;Xiaobing Dai;Wanming Zhang;Xudong Wu Jiangsu Jimbio Technology Co.,Ltd. 江苏卓微生物科技有限公司
Lunch Seminar I (12:15-13:15) E1-M11	液质联用基本方法 Essential LC-MS Method Development Phil Koerner Phenomenex美国菲罗门公司
Lunch Siminar II (12:15-13:15) E1-M12	关于挥发性和非挥发性微量污染物自动微萃取技术的发展近况 Recent Developments in Automated Micro-Extraction Techniques for Volatile and Non-Volatile Trace Contaminants Hans-Joachim Huebschman CTC Analytics AG瑞士思特斯分析仪器有限公司
Lunch Seminar III (12:00-14:00) E1-M14	介绍日本电子扫描电镜 JSM-7900F/如何制作扫描电镜观察用的截面样品 Introduction JEOL Scanning Electron Microscope JSM-7900F How to make a cross section of specimens for observation by Scanning Electron Microscope Tan Teck Siong JEOL Ltd.
The 9th Shanghai International Symposium on Analytical Chemistry Session I: New Technologies and Methods 新技术与新方法 (9:30-11:55) E1-M11 Chairs: Qun Fang, Katsumi Uchiyama	
9:30 – 9:55	纳米线的选择性制备及其在传感器中的应用 Position selective fabrication of nano-wire and its application to sensing device Katsumi Uchiyama Former Vice President of Japan Society for Analytical Chemistry 前任日本分析化学学会副会长 Tokyo Metropolitan University, Japan日本首都大学东京
9:55 – 10:20	热重分析与APPI-qMS结合用于增塑剂分析和药物控制 Thermo gravimetry coupled to APPI-qMS for plasticizer analysis and drug control Florian Uteschil University of Duisburg-Essen, Germany德国杜伊斯堡 - 埃森大学
10:20 – 10:45	基于液滴的微流体系统的自动化纳升级分析和筛选 Droplet-based microfluidic systems for automated nanoliter-scale analysis and screening 方群 Qun Fang Director of Institute of Microanalysis, Associate Editor of Talanta 微量分析研究所所长，Talanta副主编 Zhejiang University浙江大学
10:45 – 11:00	Developing NMR methods for atomic interaction measurements in proteins Yao Lishan Qingdao Institute of Bioenergy and Bioprocess Technology, Chinese Academy of Sciences
11:00 – 11:15	Single nanoparticle electrochemistry Wei Ma East China University of Science and Technology

11:15 – 11:40	全面的多维分离：是否有改进空间? Comprehensive multidimensional separations: Is there room for improvements? Tadeusz Gorecki University of Waterloo, Canada加拿大滑铁卢大学
11:40 – 11:55	新型流控技术助力生物分析 Bio-compatible Fluidic Components Boost Bio-UHPLC Analysis Audrey Schrock Senior Product Solutions Manager IDEX Health & Science llc. 艺达思贸易（上海）有限公司
The 9th Shanghai International Symposium on Analytical Chemistry Session II: Drug Analysis 药物分析 (9:30-11:55) E1-M12 Chairs: Annika Doell, Cheng Zhi Huang	
9:30 – 9:55	药物参考标准的合成、纯化和分析 Synthesis, purification and analysis of pharmaceutical reference standards Jens Boertz LGC Standards GmbH LGC标准有限公司
9:55 – 10:20	光致诱导等离子体暗场光散射成像分析和生物医药 Photo-Induced Plasmonic Dark-Field Light Scattering Imaging for Analytical and Biomedical Pharmacy 黄承志 Cheng Zhi Huang Southwest University, China 西南大学
10:20 – 10:35	Drug enantiomer differeciation using cyclodextrin sensitized separation/sensing platforms Yong Wang Tianjin University
10:35 – 10:50	Identification of traditional Chinese medicine Schisandra from different places based on LF-NMR and chemometric methods Meijun Zhang Dalian University of Technology
10:50 – 11:15	使用LC-MS进行抗体的活体表征 In-vivo characterization of antibodies using LC-MS Annika Doell AbbVie Deutschland GmbH & Co. KG阿布威德意志股份有限公司
11:15 – 11:40	手性等离激元阵列在蛋白质组学研究中的应用：从蛋白质鉴定到构象监测 Application of A Chiral Plasmonic Array to Proteome: From Protein Identification to Conformation Monitoring 魏为力,Weili Wei Chair of Department of Pharmaceutical Analysis,药物分析学系主任 Chongqing University,重庆大学
11:40 – 11:55	GCMS基因毒性杂质分析应对策略 GCMS Application in genotoxic impurity analysis 王阳阳，GCMS 应用工程师，安捷伦科技（中国）有限公司 Wang Yangyang, GCMS Application Engineer, Agilent Technologies (China) Co., Ltd.
The 9th Shanghai International Symposium on Analytical Chemistry Session III: Sample Preparation 样品制备 (9:30-11:55) E1-M13 Chairs: Jianhua Wang, Janusz Pawliszyn	
9:30 – 9:55	SPME与MS直接耦合：它可以代替LC / MS吗? Direct coupling of SPME to MS: Can it replace LC/MS? Janusz Pawliszyn University of Waterloo, Canada 加拿大滑铁卢大学
9:55 – 10:20	金属有机框架：一种调整有机聚合物基整体柱性能的新方法 Metal-organic frameworks: A new approach to tuning performance of organic polymer-based monolithic columns Frantisek Svec Lawrence Berkeley National Laboratory, USA美国劳伦斯伯克利国家实验室
10:20 – 10:35	Rapid and selective separation of sulfamethoxazole using pH responsive molecularly-imprinted magnetic polymers Wanzhen Xu Jiangsu University
10:35 – 10:50	Optimization of Sample Preparation for Total Reflection X-ray Fluorescence Spectrometry and of its Application to Aqueous Solutions Analysists Xinlei Zhang Nanjing University of Aeronautics and Astronautics

10:50 – 11:15	样品制备在食品成分抗癌活性的食品组学评估中的重要性 The importance of sample preparation in the Foodomics evaluation of food ingredients anticancer activity Alejandro Cifuentes National Research Council of Spain (CSIC) 西班牙国家研究委员会（CSIC）
11:15 – 11:40	离子液体及其衍生物在生物大分子分离和检测中的应用 Ionic Liquids and Their Derivatives in the Isolation and Sensing of Biomacromolecules 王建华 Jianhua Wang Vice President, Associate Editor of Talant, 副校长，Talanta副主编 Northeastern University, China 东北大学
11:40 – 11:55	增强型脂质去除EMR-Lipid 在食品分析前处理中的应用 Application of Enhanced Matrix Removal-Lipid Cartridges for Sample Preparation in Food Analysis 杨霞,Xia Yang Agilent Technologies (China) Co.,Ltd. 安捷伦科技(中国)有限公司
The 9th Shanghai International Symposium on Analytical Chemistry Session IV: Environmental and Food Analysis 环境和食品领域的化学分析 (13:30-16:40) E1-M11 Chairs: Tsuyoshi Minami，Erich Leitner	
13:30– 13:45	应用全自动固相萃取技术进行食品和环境样品分析工作 Guide to Solid Phase Extraction automation in food and environmental analysis Ronan Herry & Magali Gaillard Gilson 吉而逊实验仪器（上海）有限公司
13:45 – 14:10	食品中矿物油残留物的来源和组成 Mineral Oil Residues in Food - Occurrence, Sources and Composition Erich Leitner Graz University of Technology, Austria奥地利格拉茨技术大学
14:10 – 14:35	利用太赫兹光谱技术对ZIF-8气体吸附的结构和动力学分析 Structural and Kinetic Analysis for Gas Adsorption onto ZIF-8 using Terahertz Spectroscopy Nobuaki Ogawa Executive Director & Chief Vice President 常务副校长 Akita University, Japan日本秋田大学
14:35 – 14:50	Development of the high-sensitive monitoring method of arsenic by chemiluminescence Xiangnan Dou Tsinghua University
14:50 – 15:10	Electrical detection of biogenic amines by organic transistors Tsuyoshi Minami Institute of Industrial Science, The University of Tokyo
15:10 – 15:20	茶歇Tea break
Chairs: Elena Ibañez, Jörg Feldmann	
15:20 – 15:45	元素形态中的非金属十年：使用HPLC-ICPMS / ESI-qTOFMS进行非靶向分析 The Decade of the non-metals in elemental speciation: Non-targeted analysis using HPLC-ICPMS/ESI-qTOFMS Jörg Feldmann University of Aberdeen, United Kingdom英国阿伯丁大学
15:45 – 16:10	蛋白质纳米胶囊及包封物的制备、表征和应用 Preparation, characterization, and application of a protein nanocapsule, encapsulin Masafumi Odaka Akita University, Japan 日本秋田大学
16:10 – 16:25	Portable and sensitive gold immunoassay device for on-site rapid detection of clenobuterol hydrochloride Qi Peng Fuzhou University
16:25 – 16:50	绿色食品适用于具有抗增殖活性的生物活性化合物的分离和纯化 Green Foodomics applied to the isolation and purification of bioactive compounds with antiproliferative activity Elena Ibañez Institute of Food Science Research，CSIC，西班牙国家研究委员会食品科学研究所
The 9th Shanghai International Symposium on Analytical Chemistry Session V: New developments in separation techniques and mass spectrometry 分离技术和质谱分析的新发展 (13:15 – 16:40) E1-M12 Chairs: Huiru Tang, Oliver J. Schmitz	

13:30– 13:45	HPLC-TOC联用研究环境市政水中的有机分子尺寸组成：SEC TOC检测器 HPLC-TOC Combination to Study Organic Molecular Size Composition in Municipal Water: SEC TOC Sensor 谷雪蔷Paulina Gu APAC Application Specialist,亚太区应用专员 SUEZ Water Technologies (Shanghai) Co., Ltd 苏伊士水务技术（上海）有限公司
13:45 – 14:10	用于脂质体或蛋白质组等复杂样品分析 µLC+LC-IM-qTOF-MS for complex samples such as lipidome or proteome Oliver J. Schmitz, University of Duisburg-Essen, Germany 德国杜伊斯堡 - 埃森大学
14:10 – 14:35	用于代谢组学的定量工具 Quantitative Tools for metabophenomics 唐惠儒 Huiru Tang Fudan University, China 复旦大学
14:35 – 14:50	Biomolecule-responsive polymer: From recognition to applications in post-translational modification proteomics Guangyan Qing Dalian Institute of Chemical Physics, Chinese Academy of Sciences
14:50 – 15:05	Determination of triglycerides in Schisandrae chinensis fructus oil based on GC-MS, LC-MS and FT-ICR-MS Can Gong Shanghai Institute of Technology
15:05-15:20	茶歇Tea break
Chairs: Myeong Hee Moon, Dietmar Knopp	
15:20 – 15:45	植物衍生的高仿生抗微囊藻毒素抗体用于生物分析应用 Plant-derived high affine anti-microcystin antibody for bioanalytical applications Dietmar Knopp Technical University Munich, Germany德国慕尼黑理工大学
15:45 – 16:10	通过纳米流 UPLC-ESI-MS/MS 进行脂质组学分析的发展 Advancesin lipidomic analysis with nanoflow UPLC-ESI-MS/MS Myeong Hee Moon, President, Korean Society of Mass Spectrometry (KSMS), Yonsei University, South Korea 韩国质谱学会会长（KSMS），韩国延世大学
16:10 – 16:25	Graphene Oxide Aggregate-assisted LDI-MS for the Direct Analysis of Triacylglycerol in Complex Biological Samples Kai Liang Institute of Biophysics, Chinese Academy of Sciences
16:25 – 16:40	Structure of Insoluble Coke in SAPO-34: Evidence From GC-MS Analysis of Soluble Coke Mingjian Luo College of Chemistry & Chemical Engineering, Northeast Petroleum University
The 9th Shanghai International Symposium on Analytical Chemistry Session VI: Biomarker analysis 生物标志分析 (13:15 – 16:40) E1-M13 Chairs: Peter Q. Tranchida, Andrej Shevchenko	
13:45 – 14:10	健康人体血浆的脂质体高分辨率研究 Healthy Human Plasma Lipidome: Study by High-Resolution 鸟枪质谱法 Shotgun Mass Spectrometry Andrej Shevchenko MPI of Molecular Cell Biology and Genetics, Germany 马克斯普朗克分子细胞生物学和遗传学研究所
14:10 – 14:35	利用专用定性/定量软件与多维色谱（GCxGC和LCxLC） 三重四级杆质谱联用进行复杂样品分析 Comprehensive Chromatography (GCxGC and LCxLC) coupled to tq-Mass Spectrometry for Complex Samples Analysis with a Dedicated Quali/quantitative Software Peter Q. Tranchida University of Messina, Italy意大利墨西拿大学
14:35 – 14:50	Quantitative point-of-care testing based on the photothermal effect of nanoparticles using a thermometer as readout Yingzhou Tao Fuzhou University

14:50 – 15:05	The paper-based chemiluminescence immunodevice with different washing and immobilization technique Wei Liu Shaanxi Normal University
15:05-15:20	茶歇Tea break
Chairs: Carlo Morasso, Xingyu Jiang	
15:20 – 15:45	基于微流体的生物分析 Microfluidics-based bio-analysis 蒋兴宇 Xingyu Jiang Associate Editor of Nanoscale Nanoscale副主编 National Center for Nanoscience and Technology, China国家纳米科学中心 University of Chinese Academy of Sciences中国科学院大学
15:45 – 16:10	用于表征外来体和其他细胞外囊泡的光学光谱 Optical spectroscopies for the characterization of exosomes and other extracellular vesicles Carlo Morasso Nanomedicine and Molecular Imaging Lab, Italy意大利纳米医学和分子成像实验室
16:10 – 16:25	Investigate a novel technique based on PG for early screening of depression markers Fangdi Hu Lanzhou University
16:25 – 16:40	Peptoid nanostructures for serum-based early diagnosis of Alzheimer's Disease Ling Zhu National Center for Nanoscience and Technology

POSTER

Poster Site

P-01	Kaixin Xie	The synergistic enhancement of silver nanocubes and graphene oxide on the fluorescence signal of surface plasmon coupled emission
P-02	Li Wang	Researches on Separation and Detection of Putrescine in Aquatic Products by CE-ECL
P-03	Yue Wang	A tyrosinase based biosensor for the electrochemical determination of phenolic compounds
P-04	Fengyu Li	Multi-analysis: from Sensing to Perception
P-05	Xiaojiong Ding	Study on the requirements of online viscometer' s accuracy selection in Biochemical field
P-06	Xiaojun Han	Artificial cells based on phospholipid self-assemblies
P-07	Hyo Jin Kim	Development of mobile urine sensor for U-Health Application by Mid-Infrared Attenuated Total Reflection Spectroscopy
P-08	Qingqing Song	Binary code, a flexible tool for diagnostic metabolite sequencing of herbal medicines
P-09	Chunyan Guo	Mycoplasmal Pneumonia SAT Testing Internal Quality Control and External Quality Assessment
P-10	Cong Kong	Development of μ-Coulter Counter for Label-less Enumeration of Circulating Tumor Cells (CTCs)
P-11	Xinyue Han	Pattern and chiral recognition of thiols in biofluids toward healthcare nonitoring
P-12	Fangdi Hu	Investigation of New Technology for Analysis of Depression Markers and Electroactive Components of Traditional Chinese Medicine
P-13	Liangliang Zhang	Photo-Renewable Electrochemical Aptasensor
P-14	Hao Wang	Ion-exchange preparation of I-BiOCl/Bi2S3 p-n heterojunction for signal-on photoelectrochemical sensing of glutathione
P-15	Yuezhi Cui	A novel carbazole-based colorimetric and fluorescent sensor with Aggregation induced emission for detection of cyanide anion
P-16	Kun Hu	Determination of iso-hydroxydigitoxin in the blood of toxicosis with digoxin by LC-MS-MS
P-17	Shangfu Li	Isotope labeling combined with liquid chromatography-mass spectrometry to profile acylcarnitines in biological samples
P-18	Junsong Mou	Popcorn-like Nanoporous Carbon Derived from Zeolitic Imidazolate Framework for Electrochemical Application
P-19	Qian Ren	Porous Carbon Nanopolyhedras Derived from Metal-organic Frameworks as a Homogeneous Electrochemical Aptasensor for Thrombin
P-20	Kun Jia	Design and sensing application of fluorescent polyarylene ether nitrile based polymer composites
P-21	Peng Li	Determination of 9 kinds of mycotoxins in Infant complementary food by solid-phase extraction coupled with liquid chromatography tandem mass spectrometry
P-22	Xiaojun Dai	Preparation and chromatographic properties of polymer modified histidine-modified silica gel
P-23	Xiaoning Liu	MALDI-MS Imaging of Small Molecules in Mulberry Leaf using Ionic Liquid as Matrix by Ultrasonic Spray Deposition Method
P-24	Cao Nian	Au@Si@RuDS Nanocomposites Based Plasmon-Enhanced Electrochemiluminescence Sensor for the Highly Sensitive Detection of Glutathione
P-25	Xu Xu	Determination of active ingredients in 3 kinds of traditional Chinese medicine by SPE-qNMR without analyte standards
P-26	Wanzhen Xu	A fluorescence sensors based on CdTe quantum dots modified silica nanoparticles and surface molecularly imprinted polymers for the detection of sulfadimidine
P-27	Yin Xiao	A chiral sensor based on cyclodextrins modulated organic field-effect transistors

P-28	Wei Zhou	GC-MS analysis of the root bark oil of toddalia asiatica
P-29	Zhifeng Fu	Highly Sensitive Chemiluminescent Immunochromatographic Test Strips for Pharmaceutical Analysis
P-30	Yueqing Li	Identification of medicinal celluloses and research of solution properties based on LF-NMR and chemometrics methods
P-31	Na Li	Determination of Medetomidine in the blood by LC/MS
P-32	Guiying Jin	Simultaneous Determination of Chloropropanol Fatty Acid Esters in Refined Corn Oil Using GC-MS
P-33	Junjie Li	Ozone Stress Effect on the Intracellular Metabolites from Cobetia Marina measured by GCxGC-MS
P-34	Vinoth Kumar Ponnusamy	Novel graphene-based pipette tip micro-solid phase extraction technique for the analysis of parabens in aqueous samples
P-35	Xiaojun Dai	Fast enrichment of chloramphenicol from eggs by RAM-MIMM based on surface-initiated atom transfer radical polymerization
P-36	Lu Zhou	Construction of a drug nanocarrier model based on AuNP -capped mesoporous silica
P-37	Koji Kawamura	Performance evaluation of simplified detector for Mercury in water
P-38	Yue Lin	Determination of Micro/Nanoplastics in Environmental Media by MALDI-TOF MS
P-39	Qiaohui Guo	Conductive titanium carbide/carbon nanofibers for the simultaneous determination of ascorbic acid, dopamine and uric acid
P-40	Qiaohui Guo	NiCo2O4 nanoneedle/electrospun carbon nanofiber nanohybrid for sensitive non-enzymatic glucose sensor
P-41	Xiaoxia Li	MoS2/gold nanoparticles modified electrochemical sensor for detection of bisphenol A incorporating aptamer-DNA duplex probe
P-42	Shu-Hua Cheng	An electrochemical platform for sensitive and selective determination of aspartame in soft drinks
P-43	Yui Sasaki	Molecular Self-Assembled Chemosensor Array for Metal Ions
P-44	Dan Wei	Determination of total choline in refined edible oil by ultrasound-assisted reversed phase dispersive liquid-liquid microextraction coupled with ion chromatography
P-45	Huixiao Duo	Zirconium (IV)-based metal–organic frameworks (UiO-67) as solid-phase extraction adsorbents for extraction of phenoxyacetic acid herbicides from vegetables
P-46	Wenqin Wu	Sensitive Simultaneous Electrochemical Sensing of Multiple Heavy Metals via Ferroferric oxide/Fluorinated Multi-walled Carbon Nanotube for Environment and Food Safety
P-47	Kexian Chen	Quantitative chromatographic retention mechanistic study of phthalic acid esters for their detection in foods
P-48	Qiaohui Guo	NiCo2O4 nanoneedle/electrospun carbon nanofiber nanohybrid for sensitive non-enzymatic glucose sensor
P-49	Qiaohui Guo	Conductive titanium carbide/carbon nanofibers for the simultaneous determination of ascorbic acid, dopamine and uric acid
P-50	Xiaozhou Huang	Electrochemical Behavior and Determination of Nonylphenol on MWCNTs-COOH Modified Electrode
P-51	Haimin Li	Green biosynthesis of gold nanoparticles by Lilium Casa Blanca petals and evaluation of catalytic activity
P-52	Zhuanling Zhang	Source Identification and Ecological Risk Assessment of Heavy Metals on Space Axis in Guizhou Plateau
P-53	Xiaopeng Hu	A novel electrochemical sensor for theophylline based on few-layer MoS2@boron-doped ordered mesoporous carbon
P-54	Ming Su	Detection of dopamine and uric acid by electrochemical sensors based on novel composite materials of reductive graphene-MOF composites modified electrode
P-55	Zhi-Gang Yu	Developing of a double-brace type duplex-based elelctrochemical aptasensor for the quantitative determination of kanamycin
P-56	Hui Xu	Method for extraction and determination of the uronic acid constituents of dietary fiber from oats

P-57	Lingling Liu	Confirmation of Mineral Oil Saturated and Aromatic Hydrocarbons in Food by GC×GC-MS
P-58	Wanzhen Xu	A novel electrochemical sensor based on reduced graphene/nanosilver composites and molecularly imprinted polymers for the determination of TBBP-A in water
P-59	Mingshi Jin	Method for modifying mesoporous materials on surface of electrode in transverse electric field capillary column
P-60	Wu Chen	New Sub-Two Micron BioSEC Particles for High Resolution Monoclonal Antibody Separation in HPLC and LC/MS
P-61	Sainan Li	Screening and isolation of cyclooxygenase-2 inhibitors from stem bark of Phellodendron amurense Ruprecht based on ultrafiltration, HPLC/MS, and complex chromatography
P-62	Wanchao Hou	Comprehensive screening and separation of activated constituents from Stellera Chamaejasme by ultrafiltration-LC–MS combined with semipreparative high-performance liquid chromatography
P-63	Yueqi Wang	Ultrafiltration liquid chromatography for isolating potential α-glucosidase and lactate dehydrogenase inhibitors from Phellinus igniarius
P-64	Yu Huang	Application of screening and separating lactate dehydrogenase inhibitors from Radix Saposhnikoviae via ultrafiltration-LC–MS combined with high-speed counter-current chromatography
P-65	Qiang Ma	Use of a dicationic ion-pairing reagent for sensitive analysis of perfluorinated compounds in ultra-high-performance supercritical fluid chromatography with positive-mode electrospray ionization mass spectrometry
P-66	Qiang Ma	Accelerated air-assisted in-syringe microextraction coupled with miniature mass spectrometry: A general streamlined platform for direct on-site sample analysis
P-67	Yagang Zhang	Comprehensive Analysis on Condensate Oil in Gas Storage Reservoir of Hutubi in Xinjiang Oilfield
P-68	Can Gong	Determination of triacylglycerols in castor oil by LC-MS, FT-ICR-MS and GC-MS
P-69	Qianhao Min	A multiplexed quantitative MALDI MS approach for assessing activity and inhibition of protein kinases based on post-enrichment dephosphorylation of phosphopeptides by MOF-templated porous CeO2
P-70	Yue Zhang	Photoelectrochemical Aptasensing of Tetracyclines
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