

2021 金属组学研讨会 (NSM2021)

Report of Contributions

Contribution ID: 0

Type: **not specified**

待定

Presenter: 郭子建 (南京大学)

Contribution ID: 1

Type: **not specified**

细胞中硒和硒醇定量初探

Presenter: 王秋泉

Contribution ID: 2

Type: **not specified**

激光电离-电喷雾电离质谱用于金属多肽的气相行为研究

Presenter: 杭纬

Contribution ID: 3

Type: **not specified**

金属组学 2.0: 多学科交叉新平台

Presenter: 李玉锋

Contribution ID: 4

Type: **not specified**

典型金属纳米材料生物体内输运过程与代谢机制研究

Presenter: 陈春英

Contribution ID: 5

Type: **not specified**

重金属纳米颗粒蛋白冠形成过程的晶面效应

Presenter: 张彤

Contribution ID: 6

Type: **not specified**

砷化物诱导细胞应激损伤效应的信号转导网络研究

Presenter: 宋伦

Contribution ID: 7

Type: **not specified**

细胞内在化过程中 AuNPs 表面蛋白冠的组成及变化

Presenter: 陈贝贝

Contribution ID: 8

Type: **not specified**

整合金属组学及代谢组学研究揭示镓抗菌剂的作用机理

Presenter: 王宇传

Contribution ID: 9

Type: **not specified**

血清中硒形态分析研究

Presenter: 姚晓慧

Contribution ID: 10

Type: **not specified**

细菌中银及纳米银的蛋白质组: 多靶点作用模式赋予其 对抗抗生素耐药性的能力

Presenter: 孙红哲

Contribution ID: 11

Type: **not specified**

微流控芯片-ICP-MS 单细胞分析

Presenter: 胡斌

Contribution ID: 12

Type: **not specified**

铀 (VI) 触发肝脏细胞铁死亡的化学毒性分子机制

Presenter: 徐明

Contribution ID: 13

Type: **not specified**

砷与蛋白质相互作用的鉴定与机制研究

Presenter: 严晓文

Contribution ID: 14

Type: **not specified**

基于能量状态差异的药物靶蛋白系统鉴定方法

Presenter: 叶明亮

Contribution ID: 15

Type: **not specified**

荧光纳米探针的金属形态分析和定量分析应用

Presenter: 舒扬

Contribution ID: 16

Type: **not specified**

长链非编码 RNA MT1DP 促进镉诱发的肝肾细胞毒性

Presenter: 高明

Contribution ID: 17

Type: **not specified**

不同形态硒在底层水生食物链的传递效率与风险研究

Presenter: 陈红星

Contribution ID: 18

Type: **not specified**

薄膜扩散梯度 (DGT) 技术研究自然水体中铀的化学形态

Presenter: 赵九江

Contribution ID: 19

Type: **not specified**

Method development for selective quantification and identification of selenothiol-containing compounds and selenoproteins

Tuesday, 21 December 2021 02:05 (45 minutes)

Presenter: WANG, Qiuquan

Contribution ID: 20

Type: **not specified**

Development of the single cell sampling device for ICP-MS elemental analysis

Tuesday, 21 December 2021 02:50 (25 minutes)

Presenter: AOKI, Motohide

Contribution ID: 21

Type: **not specified**

Study of the non-cooperative binding of Bi^{3+} to human apo-metallothionein 1A: pH dependence on kinetics, speciation, and stoichiometry

Tuesday, 21 December 2021 03:15 (25 minutes)

Presenter: KORKOLA, Natalie

Contribution ID: 22

Type: **not specified**

Opening remarks

Tuesday, 21 December 2021 02:00 (5 minutes)

Presenter: SUN, Hongzhe

Contribution ID: 23

Type: **not specified**

Mechanisms of bacterial pathogen adaptation to host-mediated transition metal restriction during infections

Tuesday, 21 December 2021 03:55 (45 minutes)

Presenter: GIEDROC, David

Contribution ID: 24

Type: **not specified**

Pathways and domain specificity of Cu(I) binding to human metallothionein 1A

Tuesday, 21 December 2021 04:40 (25 minutes)

Presenter: MELENBACHER, Adyn

Contribution ID: 25

Type: **not specified**

**Adsorption behavior of
selenium(IV)-2,3-diaminonaphthalene complex onto
mixed-mode reversed-phase/strong cation-exchange
sorbent**

Tuesday, 21 December 2021 05:05 (25 minutes)

Presenter: TESHIMA, Norio

Contribution ID: 26

Type: **not specified**

Association of PM2.5 exposure with cardiac autonomic function in elderly people: How metals play a critical role

Tuesday, 21 December 2021 05:30 (25 minutes)

Presenter: CHEN, Xi

Contribution ID: 27

Type: **not specified**

Metal stable isotope tagging for nucleic acid assays

Tuesday, 21 December 2021 12:00 (45 minutes)

Presenter: ZHANG, Xinrong

Contribution ID: 28

Type: **not specified**

Multi-scale and multi-dimensional imaging analysis for the investigation of transfer and impact of gold nanoparticles in mice

Tuesday, 21 December 2021 12:45 (35 minutes)

Presenter: FENG, Weiyue

Contribution ID: 29

Type: **not specified**

Candidate calibrating strategies for quantitative analysis by LA-ICP-MS

Tuesday, 21 December 2021 13:20 (25 minutes)

Presenter: ZHU, Yanbei

Contribution ID: 30

Type: **not specified**

Profiling metalloproteomes by chemical and computational proteomics

Tuesday, 21 December 2021 14:00 (35 minutes)

Presenter: WANG, Chu

Contribution ID: 31

Type: **not specified**

Chemoproteomic approach to unravel the antibacterial mechanism of auranofin against multidrug-resistant bacterial pathogens

Tuesday, 21 December 2021 14:35 (35 minutes)

Presenter: XIA, Wei

Contribution ID: 32

Type: **not specified**

In situ quantitative imaging of amyloid beta protein in brain tissue by laser ablation ICP-MS using gold nanoclusters as labels

Tuesday, 21 December 2021 15:10 (25 minutes)

Presenter: FENG, Liuxing

Contribution ID: 33

Type: **not specified**

Nanometallomics for the biological effects of nanomaterials and nanosafety

Wednesday, 22 December 2021 11:55 (45 minutes)

Presenter: CHEN, Chunying

Contribution ID: 34

Type: **not specified**

Quantitative analysis for nanomaterials in biological systems

Wednesday, 22 December 2021 12:45 (25 minutes)

Presenter: WANG, Liming

Contribution ID: 35

Type: **not specified**

Functionalized 2D MoS₂ nanozymes for safe antibacterial applications

Wednesday, 22 December 2021 13:10 (25 minutes)

Presenter: YIN, Wenyan

Contribution ID: 36

Type: **not specified**

Metalloproteomics with an impact on biology and medicine

Wednesday, 22 December 2021 13:50 (45 minutes)

Presenter: SUN, Hongzhe

Contribution ID: 37

Type: **not specified**

High sensitivity analysis of selenium by ultraviolet vapor generation combined with microplasma gas phase enrichment and the mechanism study

Wednesday, 22 December 2021 14:35 (25 minutes)

Presenter: MAO, Xuefei

Contribution ID: **38**

Type: **not specified**

Synchrotron-based techniques for metallomics

Wednesday, 22 December 2021 15:00 (25 minutes)

Presenter: LI, Yu-Feng

Contribution ID: 39

Type: **not specified**

Closing remarks

Wednesday, 22 December 2021 15:25 (10 minutes)

Presenter: SUN, Hongzhe

Contribution ID: 40

Type: **not specified**

开幕式

Thursday, 23 December 2021 08:30 (20 minutes)

Presenters: 田, 中群 (厦门大学); 晋, 晓勇 (宁夏大学); 刘, 长宽

Contribution ID: 41

Type: **not specified**

标准助推创新发展标准引领时代进步

Thursday, 23 December 2021 08:50 (30 minutes)

Presenter: 李, 景虹 (清华大学)

Contribution ID: 42

Type: **not specified**

基于半导体材料的全光谱发光与探测研究

Thursday, 23 December 2021 09:20 (25 minutes)

Presenter: 杨, 宗银 (浙江大学)

Contribution ID: 43

Type: **not specified**

原子荧光 4.0 时代的形态分析新技术及应用

Thursday, 23 December 2021 09:45 (20 minutes)

Presenter: 梁, 敬 (北京海光)

Contribution ID: 44

Type: **not specified**

多元光学计算与近红外多元光谱仪研制

Thursday, 23 December 2021 10:35 (25 minutes)

Presenter: 邵, 学广 (南开大学)

Contribution ID: 45

Type: **not specified**

等离子体发射光谱技术在石油产品分析中的应用研究

Thursday, 23 December 2021 11:00 (25 minutes)

Presenter: 邢, 雅琴 (宁夏计量质量监督检验研究院)

Contribution ID: 46

Type: **not specified**

基于金属稳定同位素标记的生物分析方法

Thursday, 23 December 2021 11:25 (25 minutes)

Presenter: 吕, 弋 (四川大学)

Contribution ID: 47

Type: **not specified**

应用单颗粒 ICP-MS/MS 法检测高盐溶液中的微塑料颗粒

Thursday, 23 December 2021 11:50 (20 minutes)

Presenter: 董, 硕飞 (安捷伦)

Contribution ID: 48

Type: **not specified**

微取样的固体直接分析光谱法

Thursday, 23 December 2021 14:00 (25 minutes)

Presenter: 杭, 纬 (厦门大学)

Contribution ID: 49

Type: **not specified**

近红外光谱仪器产业化关键问题探讨

Thursday, 23 December 2021 14:25 (25 minutes)

Presenter: 陈, 斌 (江苏大学)

Contribution ID: 50

Type: **not specified**

ICP-MS 在临床检测中的创新应用

Thursday, 23 December 2021 14:50 (25 minutes)

Presenter: 孙, 公伟 (清华大学)

Contribution ID: 51

Type: **not specified**

大气颗粒物重金属在线检测技术新进展 (ICP-MS 法)

Thursday, 23 December 2021 15:15 (25 minutes)

Presenter: 吴, 智威 (杭州谱育)

Contribution ID: 52

Type: **not specified**

LIBS 定量化进展

Thursday, 23 December 2021 16:00 (25 minutes)

Presenter: 王, 哲 (清华大学)

Contribution ID: 53

Type: **not specified**

痕量稀土自动分离富集系统及应用

Thursday, 23 December 2021 16:25 (25 minutes)

Presenter: 郭, 伟 (地质大学武汉)

Contribution ID: 54

Type: **not specified**

Raman-LIBS 技术在生物医学中的应用：从组织成像到 细胞检测

Thursday, 23 December 2021 16:50 (25 minutes)

Presenter: 林, 庆宇 (四川大学)

Contribution ID: 55

Type: **not specified**

高纯材料中痕量气体元素的检测

Thursday, 23 December 2021 17:15 (25 minutes)

Presenter: 李, 铭 (北京清质分析技术有限公司)

Contribution ID: 56

Type: **not specified**

赛默飞世尔全新型 iCAP PRO ICP-OES 技术进展

Thursday, 23 December 2021 17:40 (20 minutes)

Presenter: 王, 飞 (赛默飞世尔科技)

Contribution ID: 57

Type: **not specified**

深海原位光谱技术：发展机遇与挑战

Friday, 24 December 2021 09:00 (25 minutes)

Presenter: 郑, 荣儿 (中国海洋大学)

Contribution ID: 58

Type: **not specified**

基于微等离子体技术的砷、锑分析方法开发

Friday, 24 December 2021 09:25 (25 minutes)

Presenter: 朱, 振利 (地大武汉)

Contribution ID: 59

Type: **not specified**

金属稳定同位素标记免疫分析

Friday, 24 December 2021 09:50 (25 minutes)

Presenter: 刘, 睿 (四川大学)

Contribution ID: 60

Type: **not specified**

二维范德华异质结的低频和高频拉曼光谱研究

Friday, 24 December 2021 10:30 (25 minutes)

Presenter: 谭, 平恒 (中科院半导体所)

Contribution ID: 61

Type: **not specified**

范德华二维晶体 α -MoO₃ 的性能调控及 SERS 应用

Friday, 24 December 2021 10:55 (25 minutes)

Presenter: 陈, 建 (中山大学)

Contribution ID: 62

Type: **not specified**

衍射光栅及其在光谱仪器中的应用研究

Friday, 24 December 2021 11:20 (25 minutes)

Presenter: 李, 晓天 (中科院长春光机所)

Contribution ID: 63

Type: **not specified**

化学高分辨与时间高分辨 ICPMS 的应用

Friday, 24 December 2021 11:45 (15 minutes)

Presenter: 高, 光晔 (珀金埃尔默)

Contribution ID: 64

Type: **not specified**

EC-TERS 仪器研制及应用

Friday, 24 December 2021 14:00 (25 minutes)

Presenter: 任, 斌 (厦门大学)

Contribution ID: 65

Type: **not specified**

光谱测量与定量中的数据处理分析方法研究

Friday, 24 December 2021 14:25 (25 minutes)

Presenter: 黄, 梅珍 (上海交通大学)

Contribution ID: 66

Type: **not specified**

人工智能在分析仪器中的应用

Friday, 24 December 2021 14:50 (25 minutes)

Presenter: 张, 志敏 (中南大学)

Contribution ID: 67

Type: **not specified**

荧光晶态材料的构筑及其在环境毒害物质检测中的应用

Friday, 24 December 2021 15:15 (25 minutes)

Presenter: 马, 景新 (宁夏大学)

Contribution ID: 68

Type: **not specified**

原子荧光的最新进展

Friday, 24 December 2021 15:40 (25 minutes)

Presenter: 周, 志恒 (北京博晖创新)

Contribution ID: 69

Type: **not specified**

圆桌会议

Friday, 24 December 2021 16:20 (20 minutes)

Presenters: 邢, 志; 任, 斌