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ISSN 0253-3820

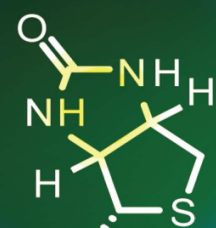
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分析化学

No.4 Vol.51

2023.4

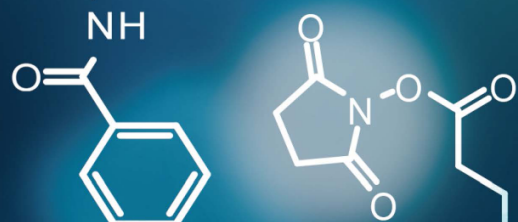
Chinese Journal of Analytical Chemistry



Biotin group

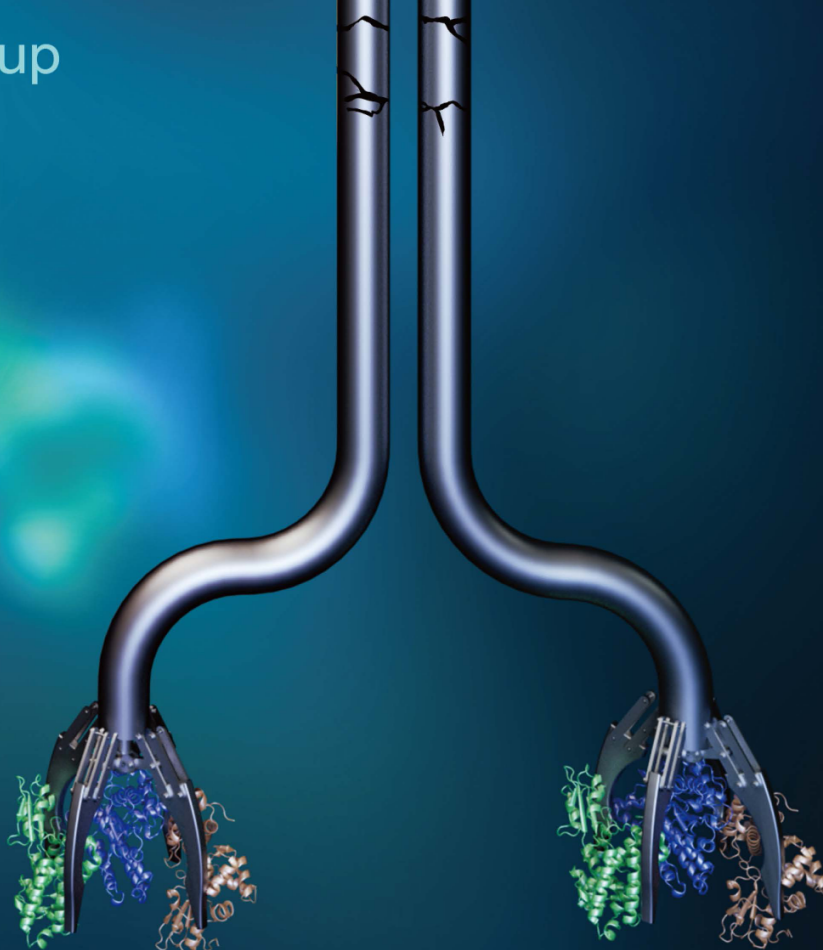
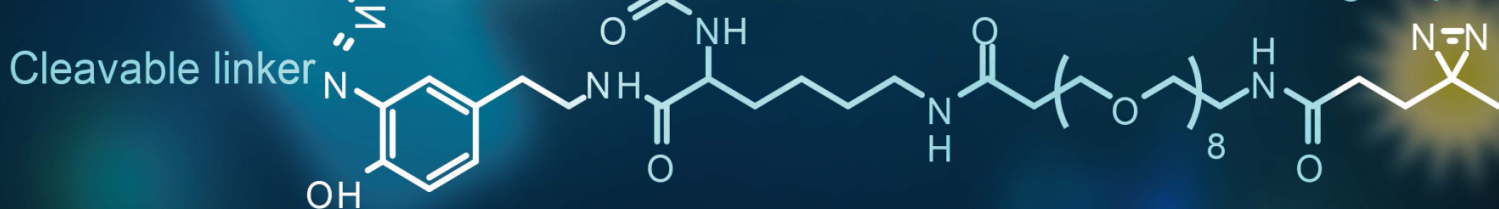


NHS group

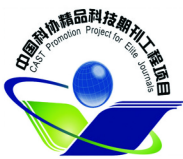


Photoreactive group

Cleavable linker



中国科学院长春应用化学研究所 主办
中国化学学会 出版
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分析化学

第 51 卷 第 4 期 2023 年 4 月

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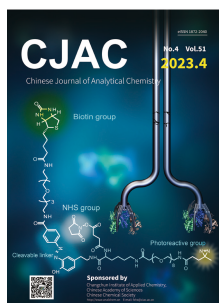
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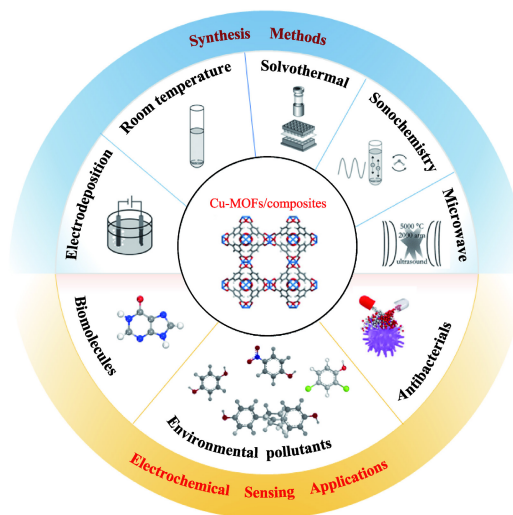


On pages 492–501, Qin et al. prepared a novel cleavable trifunctional probe (c-TM3) by introducing a cleavable group into the biotin end of photo-phosphotyrosine (pTyr)-scaffold probe for cross-linking, enrichment and elution of pTyr-mediated protein complexes. The enriched products were separated using sodium dodecyl sulfate-polyacrylamide gel electrophoresis, and the migration profiles of the important pTyr-mediated signaling proteins in different molecular weight regions were mapped by mass spectrometry identification.

Review and Progress

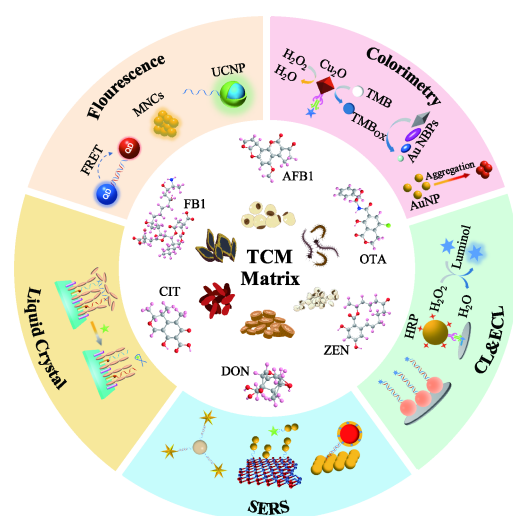
Recent Advances in Electrochemical Sensing Applications of Copper-based Metal-Organic Frameworks

LI Cao-Ling, WU Kang-Bing*, NIU Li
Chinese J. Anal. Chem., 2023, 51(4): 463-471



Nanomaterials-based Optical Biosensors for Detection of Mycotoxins in Traditional Chinese Medicine

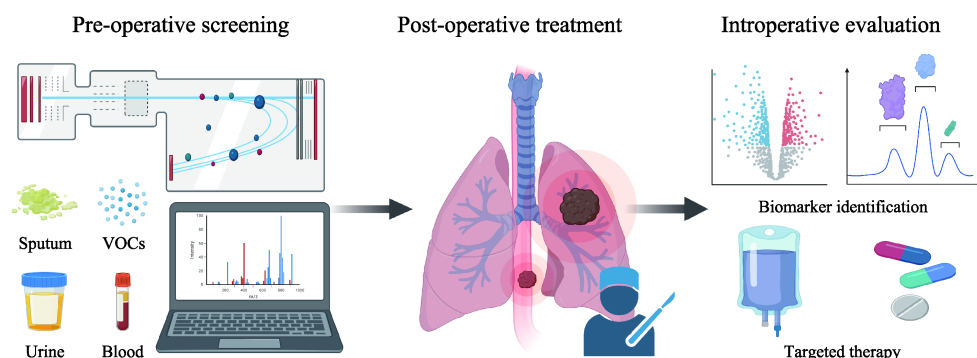
YU Jing, YAO Zhi-Hao, HE Kai-Yu, XING Bing-Cong, WANG Qiang, CHENG Ke-Jun*, WANG Liu*, XU Xia-Hong*
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Application of Direct Injection Mass Spectrometry in Clinical Diagnosis of Thoracic Tumors

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Chinese J. Anal. Chem., 2023, 51(4): 484-491

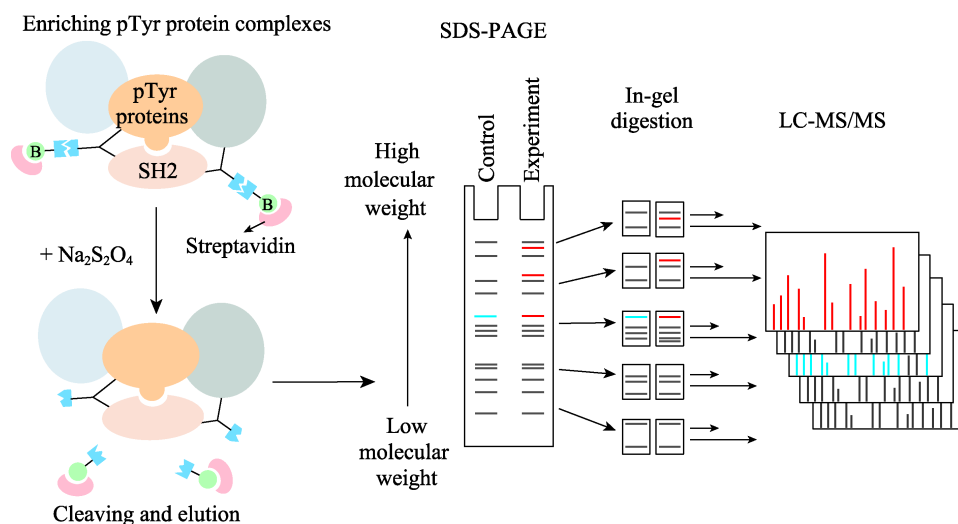


Scientific Papers

A Cleavable Trifunctional Probe for Systematically Profiling Tyrosine Phosphorylation-mediated Protein Complexes

QIN Yun-Qiu, ZHENG Zhen-Dong, TIAN Rui-Jun*

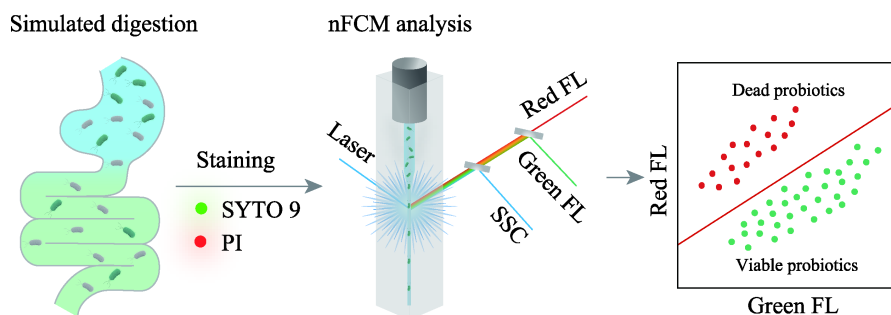
Chinese J. Anal. Chem., 2023, 51(4): 492-501



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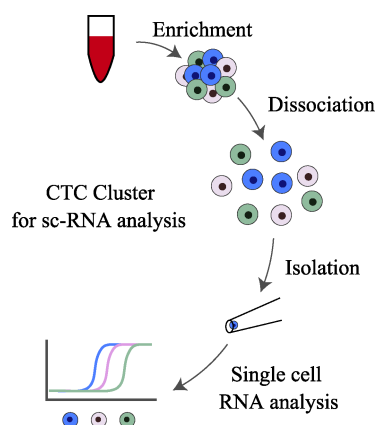
XUE Cheng-Feng, WANG Wen-Ting, MAO Cui-Ping, WU Li-Na, YAN Xiao-Mei*

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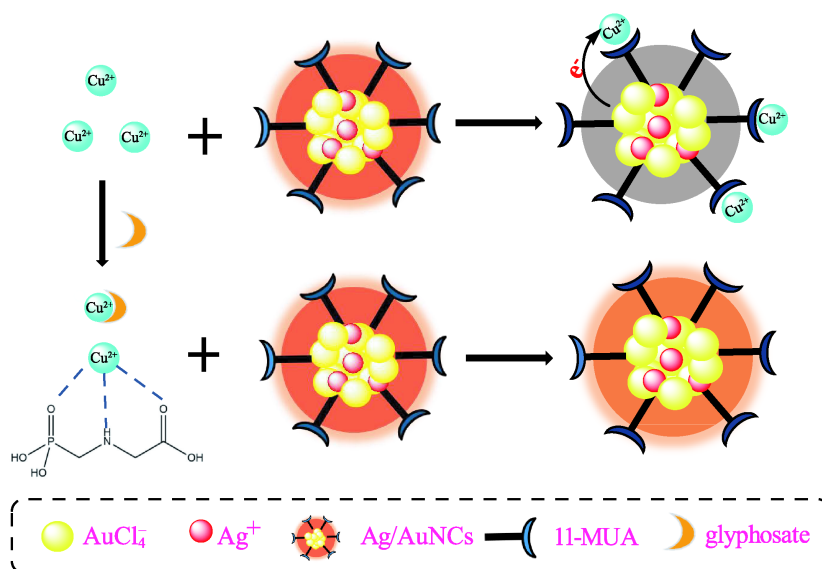
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MA Xue-Ping, WU Hai-Ping, ZOU Bing-Jie*, ZHOU Guo-Hua*
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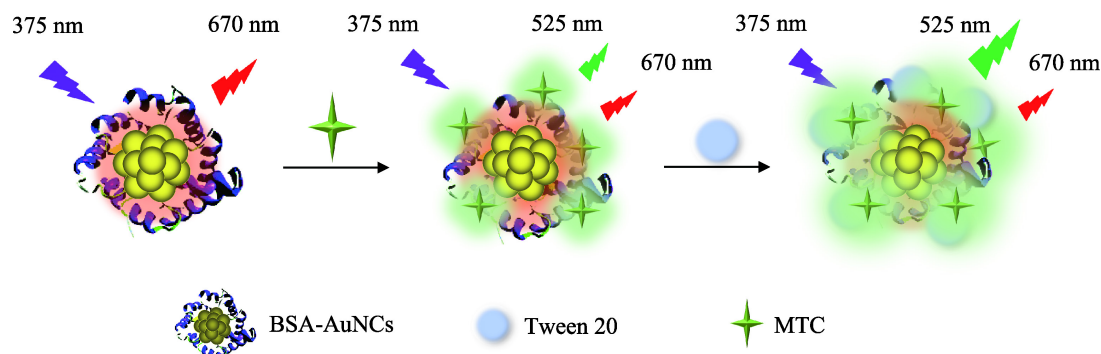
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ZHAO Dan, LI Juan*, MA Xiao, WANG Fang, YANG Ren-Wei, LI Jie, SUN Jian*
Chinese J. Anal. Chem., **2023**, 51(4): 521-530



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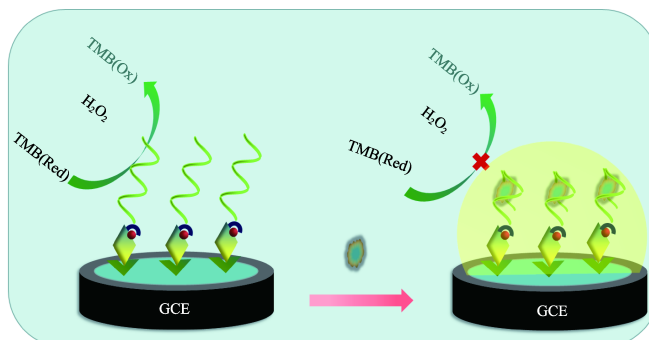
WANG Xue, WANG An-Qi, QIAN Mei-Ru, LI Bin-Xi, JIN Long, LI Tai-Hua*
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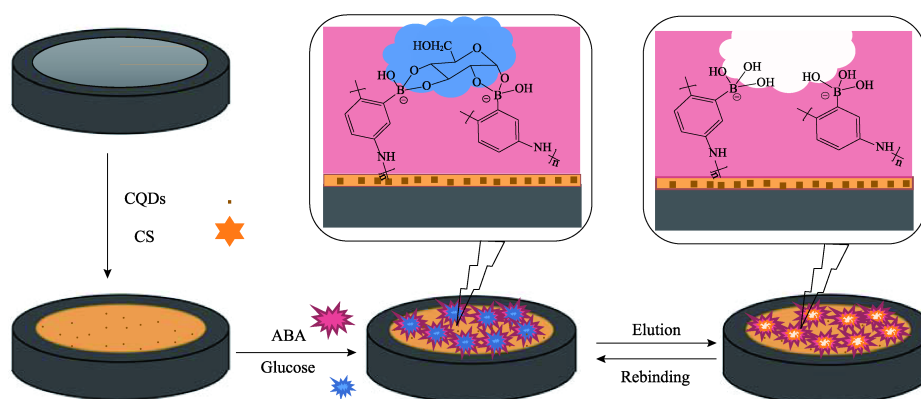
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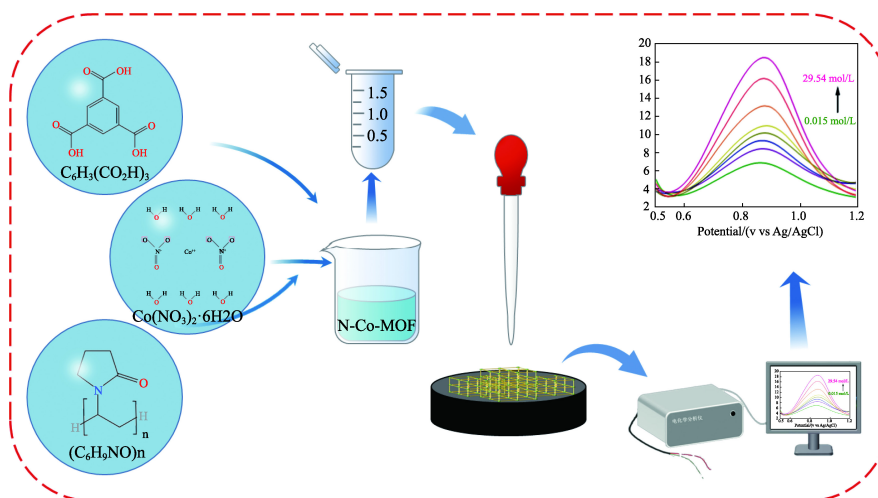
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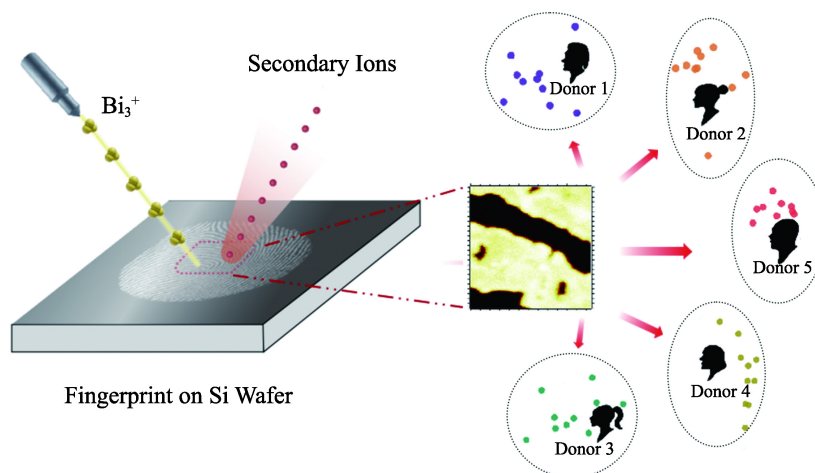
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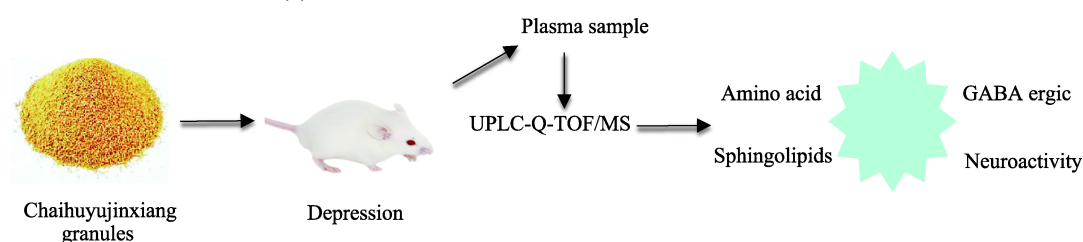
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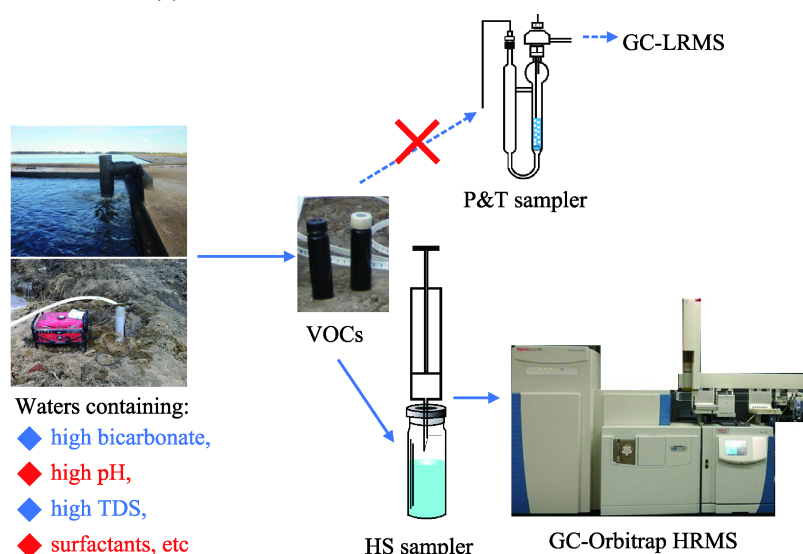
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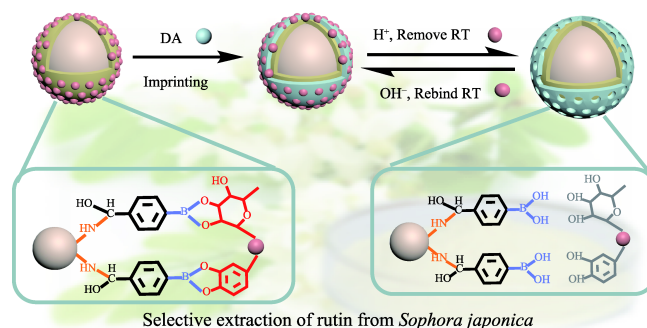
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SONG Hui-Jia, WANG Xing-Yan, LI Ze-Hong, GAO Rui-Xia*

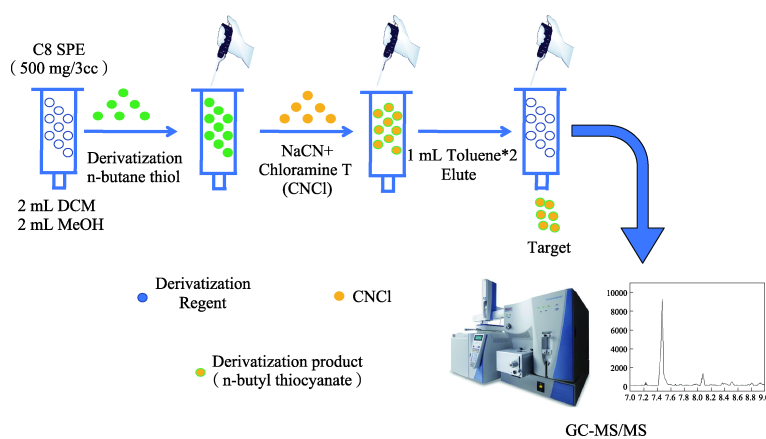
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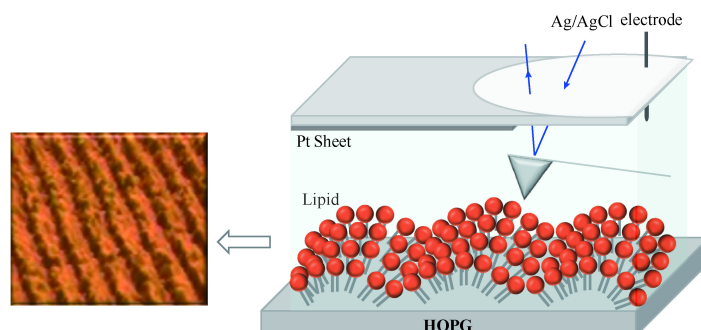
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BI Hong-Mei*, GUO Liu-Chun, ZHANG Ying-Mei, ZENG Xin-Ru, XU Liu-Yi

Chinese J. Anal. Chem., 2023, 51(4): 621-628



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分析化学
FENXI HUAXUE

(月刊, 1972 年创刊)

第 51 卷 第 4 期 2023 年 4 月 10 日

CHINESE JOURNAL OF
ANALYTICAL CHEMISTRY

(Monthly, Started 1972)

Vol. 51 No. 4 April 10 2023

编 辑	《分析化学》编委会 地址: 长春人民大街 5625 号 邮政编码: 130022 电话: 0431-85262017 http://www.analchem.cn E-mail: fxhx@ciac.ac.cn	Edited by	Editorial Board of Chinese Journal of Analytical Chemistry Add: 5625 Renmin Street, Changchun 130022, China Tel: 0431-85262017 http://www.analchem.cn E-mail: fxhx@ciac.ac.cn
主 编	杨秀荣	Editor-in-Chief	YANG Xiu-Rong
主 管	中国科学院	Superintended by	Chinese Academy of Sciences
主 办	中国科学院长春应用化学研究所 中国化学会	Sponsored by	Changchun Institute of Applied Chemistry, Chinese Academy of Sciences Chinese Chemical Society
出 版	科学出版社 地址: 北京东黄城根北街 16 号 邮政编码: 100717	Published by	Science Press Add: 16 Donghuangchenggen North Street, Beijing 100717, China
印刷装订	北京博海升彩色印刷有限公司	Printed by	Beijing BOHS Colour Printing Co., Ltd.
订 购	国内: 全国各地邮政局	Subscriptions	Local Post Offices
国内总发行	吉林省报刊发行局	Foreign	China International Book Trading Corporation Add: P. O. Box 399, Beijing 100044, China
国外发行	中国国际图书贸易集团有限公司 地址: 北京 399 信箱 邮政编码 100044		

国内统一连续出版物号: CN 22-1125/O6

国际标准连续出版物号: 0253-3820

国内邮发代号: 12-6

国外发行代号: M336

定价: 80.00 元

广告发布登记号(077)

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