

Haiyan Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3006777/publications.pdf>

Version: 2024-02-01

15
papers

299
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

274
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Ambient mass spectrometry for food science and industry. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 107, 99-115. | 11.4 | 68 |
| 2 | Quantitative Determination of Bulk Molecular Concentrations of \hat{I}^2 -Agonists in Pork Tissue Samples by Direct Internal Extractive Electrospray Ionization-Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 11252-11258. | 6.5 | 39 |
| 3 | Quantification of 1-hydroxypyrene in undiluted human urine samples using magnetic solid-phase extraction coupled with internal extractive electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 926, 72-78. | 5.4 | 37 |
| 4 | Selective Enrichment of Phosphopeptides and Phospholipids from Biological Matrixes on TiO_2 Nanowire Arrays for Direct Molecular Characterization by Internal Extractive Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 12101-12107. | 6.5 | 22 |
| 5 | Altered phosphatidylcholines expression in sputum for diagnosis of non-small cell lung cancer. <i>Oncotarget</i> , 2016, 7, 63158-63165. | 1.8 | 21 |
| 6 | Sequential Detection of Lipids, Metabolites, and Proteins in One Tissue for Improved Cancer Differentiation Accuracy. <i>Analytical Chemistry</i> , 2019, 91, 10532-10540. | 6.5 | 20 |
| 7 | Comparative study on ambient ionization methods for direct analysis of navel orange tissues by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2017, 52, 526-533. | 1.6 | 17 |
| 8 | Metabolic Effects of Clenbuterol and Salbutamol on Pork Meat Studied Using Internal Extractive Electrospray Ionization Mass Spectrometry. <i>Scientific Reports</i> , 2017, 7, 5136. | 3.3 | 14 |
| 9 | Ambient mass spectrometry for the molecular diagnosis of lung cancer. <i>Analyst, The</i> , 2020, 145, 313-320. | 3.5 | 14 |
| 10 | Selective detection of phospholipids in human blood plasma and single cells for cancer differentiation using dispersed solid-phase microextraction combined with extractive electrospray ionization mass spectrometry. <i>Analyst, The</i> , 2020, 145, 7330-7339. | 3.5 | 14 |
| 11 | Comparative study of alterations in phospholipid profiles upon liver cancer in humans and mice. <i>Analyst, The</i> , 2020, 145, 6470-6477. | 3.5 | 10 |
| 12 | Direct quantitative profiling of amino acids in tissues for the assessment of lung cancer. <i>Talanta</i> , 2021, 233, 122544. | 5.5 | 9 |
| 13 | Review of Recent Advances in Lipid Analysis of Biological Samples via Ambient Ionization Mass Spectrometry. <i>Metabolites</i> , 2021, 11, 781. | 2.9 | 8 |
| 14 | Evaluation of the phytotoxicity of nano-particles on mung beans by internal extractive electrospray ionization mass spectrometry. <i>Analyst, The</i> , 2021, 146, 5675-5681. | 3.5 | 3 |
| 15 | Direct analysis of metabolites in the liver tissue of zebrafish exposed to fiproles by internal extractive electrospray ionization mass spectrometry. <i>Analyst, The</i> , 2021, 146, 4480-4486. | 3.5 | 3 |