

Yong-Jie Yu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

440
citations

687363

13
h-index

752698

20
g-index

29
all docs

29
docs citations

29
times ranked

325
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Maillard reaction products and guaiacol as production process and raw material markers for the authentication of sesame oil. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 250-258. | 3.5 | 3 |
| 2 | A new platform for untargeted UHPLC-HRMS data analysis to address the time-shift problem. <i>Analytica Chimica Acta</i> , 2022, 1193, 339393. | 5.4 | 4 |
| 3 | A chemometric strategy to automatically screen selected ion monitoring ions for gas chromatography-mass spectrometry-based pseudotargeted metabolomics. <i>Journal of Chromatography A</i> , 2022, 1664, 462801. | 3.7 | 3 |
| 4 | Chemometric strategy for aligning chemical shifts in ¹ H NMR to improve geographical origin discrimination: A case study for Chinese Goji honey. <i>Microchemical Journal</i> , 2022, 174, 107062. | 4.5 | 2 |
| 5 | Chemometric discrimination of the geographical origin of licorice in China by untargeted metabolomics. <i>Food Chemistry</i> , 2022, 380, 132235. | 8.2 | 22 |
| 6 | Untargeted metabolomics study of <i>Lonicerae japonicae</i> flos processed with different drying methods via GC-MS and UHPLC-HRMS in combination with chemometrics. <i>Industrial Crops and Products</i> , 2022, 186, 115179. | 5.2 | 10 |
| 7 | Fluorescent sensor based on quantum dots and nano-porphyrin for highly sensitive and specific determination of ethyl carbamate in fermented food. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 6193-6201. | 3.5 | 11 |
| 8 | A chemometric strategy for accurately identifying illegal additive compounds in health foods by using ultra-high-performance liquid chromatography coupled to high resolution mass spectrometry. <i>Analytical Methods</i> , 2021, 13, 1731-1739. | 2.7 | 6 |
| 9 | A comprehensive automatic data analysis strategy for gas chromatography-mass spectrometry based untargeted metabolomics. <i>Journal of Chromatography A</i> , 2020, 1616, 460787. | 3.7 | 27 |
| 10 | Differentiating Westlake Longjing tea from the first and second grade producing regions using ultra high performance liquid chromatography with quadrupole time-of-flight mass spectrometry-based untargeted metabolomics in combination with chemometrics. <i>Journal of Separation Science</i> , 2020, 43, 2794-2803. | 2.5 | 7 |
| 11 | Colorimetric sensor array based on silver deposition of gold nanorods for discrimination of Chinese white spirits. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128256. | 7.8 | 32 |
| 12 | A simple method for direct modeling of second-order liquid chromatographic data with retention time shifts and holding the second-order advantage. <i>Journal of Chromatography A</i> , 2019, 1605, 360360. | 3.7 | 21 |
| 13 | An automatic UPLC-HRMS data analysis platform for plant metabolomics. <i>Plant Biotechnology Journal</i> , 2019, 17, 2038-2040. | 8.3 | 6 |
| 14 | Automatic peak detection coupled with multivariate curve resolution-alternating least squares for peak resolution in gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1601, 300-309. | 3.7 | 11 |
| 15 | Resveratrol Ameliorates Glucocorticoid-Induced Bone Damage in a Zebrafish Model. <i>Frontiers in Pharmacology</i> , 2019, 10, 195. | 3.5 | 19 |
| 16 | Disordered Metabolic Profiling in Plasma and Tissues of Mice Infected with Artemisinin-Sensitive and -Resistant <i>Plasmodium berghei</i> K173 Determined by ¹ H NMR Spectroscopy. <i>Journal of Proteome Research</i> , 2019, 18, 1970-1993. | 3.7 | 8 |
| 17 | Automatic data analysis workflow for ultra-high performance liquid chromatography-high resolution mass spectrometry-based metabolomics. <i>Journal of Chromatography A</i> , 2019, 1585, 172-181. | 3.7 | 19 |
| 18 | Automatic untargeted metabolic profiling analysis coupled with Chemometrics for improving metabolite identification quality to enhance geographical origin discrimination capability. <i>Journal of Chromatography A</i> , 2018, 1541, 12-20. | 3.7 | 19 |

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|----|---|-----|-----------|
| 19 | Two new 18, 19-seco Triterpenoids from <i>Ilex asprella</i> (Hook. et Arn.) Champ. ex Benth. <i>FÄ-toterapÄ-Äç</i> , 2018, 127, 42-46. | 2.2 | 3 |
| 20 | A novel strategy for extracted ion chromatogram extraction to improve peak detection in UPLC-HRMS. <i>Analytical Methods</i> , 2018, 10, 5118-5126. | 2.7 | 5 |
| 21 | Automatic time-shift alignment method for chromatographic data analysis. <i>Scientific Reports</i> , 2017, 7, 256. | 3.3 | 15 |
| 22 | AntDAS: Automatic Data Analysis Strategy for UPLCâ€‘QTOF-Based Nontargeted Metabolic Profiling Analysis. <i>Analytical Chemistry</i> , 2017, 89, 11083-11090. | 6.5 | 45 |
| 23 | Mass-spectra-based peak alignment for automatic nontargeted metabolic profiling analysis for biomarker screening in plant samples. <i>Journal of Chromatography A</i> , 2017, 1513, 201-209. | 3.7 | 14 |
| 24 | A simple multi-scale Gaussian smoothing-based strategy for automatic chromatographic peak extraction. <i>Journal of Chromatography A</i> , 2016, 1452, 1-9. | 3.7 | 30 |
| 25 | Simple automatic strategy for background drift correction in chromatographic data analysis. <i>Journal of Chromatography A</i> , 2016, 1449, 89-99. | 3.7 | 30 |
| 26 | Quantification of acid metabolites in complex plant samples by using second-order calibration coupled with GC-mass spectrometry detection to resolve the influence of seriously overlapped chromatographic peaks. <i>Analytical Methods</i> , 2016, 8, 747-755. | 2.7 | 9 |
| 27 | A chemometric-assisted method based on gas chromatographyâ€‘mass spectrometry for metabolic profiling analysis. <i>Journal of Chromatography A</i> , 2015, 1399, 65-73. | 3.7 | 18 |
| 28 | Chemometric strategy for automatic chromatographic peak detection and background drift correction in chromatographic data. <i>Journal of Chromatography A</i> , 2014, 1359, 262-270. | 3.7 | 40 |