

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	AntDAS: Automatic Data Analysis Strategy for UPLC-QTOF-Based Nontargeted Metabolic Profiling Analysis. <i>Analytical Chemistry</i> , 2017, 89, 11083-11090.	6.5	45
2	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
3	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
4	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
5	Simple automatic strategy for background drift correction in chromatographic data analysis. <i>Journal of Chromatography A</i> , 2016, 1449, 89-99.	3.7	30
6	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
7	Chemometric discrimination of the geographical origin of licorice in China by untargeted metabolomics. <i>Food Chemistry</i> , 2022, 380, 132235.	8.2	22
8	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
9	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
10	Resveratrol Ameliorates Glucocorticoid-Induced Bone Damage in a Zebrafish Model. <i>Frontiers in Pharmacology</i> , 2019, 10, 195.	3.5	19
11	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
12	A chemometric-assisted method based on gas chromatography-mass spectrometry for metabolic profiling analysis. <i>Journal of Chromatography A</i> , 2015, 1399, 65-73.	3.7	18
13	Automatic time-shift alignment method for chromatographic data analysis. <i>Scientific Reports</i> , 2017, 7, 256.	3.3	15
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	An automatic UPLC-HRMS data analysis platform for plant metabolomics. <i>Plant Biotechnology Journal</i> , 2019, 17, 2038-2040.	8.3	6
22	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
23	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
24	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
25	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
26	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
27	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
28	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