

# Yunyun Yang

## List of Publications by Year in descending order

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32  
papers

1,297  
citations

304602

22  
h-index

414303

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g-index

32  
all docs

32  
docs citations

32  
times ranked

1129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling Solid-Phase Microextraction with Ambient Mass Spectrometry Using Surface Coated Wooden-Tip Probe for Rapid Analysis of Ultra Trace Perfluorinated Compounds in Complex Samples. <i>Analytical Chemistry</i> , 2014, 86, 11159-11166.	3.2	97
2	Strategies for coupling solid-phase microextraction with mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 55, 55-67.	5.8	94
3	Chemical fingerprint analysis for quality assessment and control of Bansha herbal tea using paper spray mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 785, 82-90.	2.6	85
4	Coupling solid-phase microextraction with ambient mass spectrometry: Strategies and applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 61-72.	5.8	82
5	Single-cell analysis by ambient mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 90, 14-26.	5.8	79
6	Covalent Organic Frameworks-Based Solid-Phase Microextraction Probe for Rapid and Ultrasensitive Analysis of Trace Per- and Polyfluoroalkyl Substances Using Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 10213-10217.	3.2	77
7	Surface-Coated Probe Nanoelectrospray Ionization Mass Spectrometry for Analysis of Target Compounds in Individual Small Organisms. <i>Analytical Chemistry</i> , 2015, 87, 9923-9930.	3.2	71
8	Surface-coated wooden-tip electrospray ionization mass spectrometry for determination of trace fluoroquinolone and macrolide antibiotics in water. <i>Analytica Chimica Acta</i> , 2017, 954, 52-59.	2.6	61
9	Biocompatible Surface-Coated Probe for <i>in Vivo</i> , <i>in Situ</i> , and Microscale Lipidomics of Small Biological Organisms and Cells Using Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 6936-6944.	3.2	61
10	Surface-Modified Wooden-Tip Electrospray Ionization Mass Spectrometry for Enhanced Detection of Analytes in Complex Samples. <i>Analytical Chemistry</i> , 2018, 90, 1759-1766.	3.2	58
11	Sensitive analysis of trace macrolide antibiotics in complex food samples by ambient mass spectrometry with molecularly imprinted polymer-coated wooden tips. <i>Talanta</i> , 2019, 204, 238-247.	2.9	52
12	Recent advances of ambient mass spectrometry imaging for biological tissues: A review. <i>Analytica Chimica Acta</i> , 2020, 1117, 74-88.	2.6	46
13	Field-induced wooden-tip electrospray ionization mass spectrometry for high-throughput analysis of herbal medicines. <i>Analytica Chimica Acta</i> , 2015, 887, 127-137.	2.6	41
14	Coupling PaternÅ²-BÃ¼chi Reaction with Surface-Coated Probe Nanoelectrospray Ionization Mass Spectrometry for In Vivo and Microscale Profiling of Lipid Câ•C Location Isomers in Complex Biological Tissues. <i>Analytical Chemistry</i> , 2019, 91, 4592-4599.	3.2	35
15	Pharmaceutical Analysis by Solid-Substrate Electrospray Ionization Mass Spectrometry with Wooden Tips. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 37-47.	1.2	33
16	Analysis of pharmaceutical products and herbal medicines using ambient mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 82, 68-88.	5.8	32
17	Rapid and sensitive detection of trace malachite green and its metabolite in aquatic products using molecularly imprinted polymer-coated wooden-tip electrospray ionization mass spectrometry. <i>RSC Advances</i> , 2017, 7, 52091-52100.	1.7	32
18	Rapid and on-site analysis of amphetamine-type illicit drugs in whole blood and raw urine by slug-flow microextraction coupled with paper spray mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1032, 75-82.	2.6	32

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19	Internal standard mass spectrum fingerprint: A novel strategy for rapid assessing the quality of Shuang-Huang-Lian oral liquid using wooden-tip electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 837, 83-92.	2.6	31
20	Slug-flow microextraction coupled with paper spray mass spectrometry for rapid analysis of complex samples. <i>Analytica Chimica Acta</i> , 2016, 940, 143-149.	2.6	29
21	Coupling liquid-phase microextraction with paper spray for rapid analysis of malachite green, crystal violet and their metabolites in complex samples using mass spectrometry. <i>Analytical Methods</i> , 2016, 8, 6651-6656.	1.3	25
22	Sacha inchi oil alleviates gut microbiota dysbiosis and improves hepatic lipid dysmetabolism in high-fat diet-fed rats. <i>Food and Function</i> , 2020, 11, 5827-5841.	2.1	23
23	Analysis of trace malachite green, crystal violet, and their metabolites in zebrafish by surface-coated probe nanoelectrospray ionization mass spectrometry. <i>Talanta</i> , 2020, 217, 121064.	2.9	23
24	A microscale solid-phase microextraction probe for the <i>in situ</i> analysis of perfluoroalkyl substances and lipids in biological tissues using mass spectrometry. <i>Analyst</i> , 2019, 144, 5637-5645.	1.7	18
25	Chitosan-coated fluoro-functionalized covalent organic framework as adsorbent for efficient removal of per- and polyfluoroalkyl substances from water. <i>Separation and Purification Technology</i> , 2022, 294, 121195.	3.9	18
26	Discovery of Potential Lipid Biomarkers for Human Colorectal Cancer by In-Capillary Extraction Nanoelectrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 13089-13098.	3.2	15
27	Rapid assessment of the quality of Qingkailing products using wooden-tip electrospray ionization mass spectrometry combined with multivariate statistical analysis. <i>Analytical Methods</i> , 2015, 7, 4803-4810.	1.3	11
28	Identification of polyunsaturated triacylglycerols and C C location isomers in sachu inchi oil by photochemical reaction mass spectrometry combined with nuclear magnetic resonance spectroscopy. <i>Food Chemistry</i> , 2020, 307, 125568.	4.2	11
29	Lipid analysis and lipidomics investigation by ambient mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115924.	5.8	11
30	Quality assessment and origin tracing of Guangdong Liangcha granules using direct mass spectrometry fingerprinting. <i>Analytical Methods</i> , 2012, 4, 3638.	1.3	8
31	Rapid and sensitive analysis of trace $\beta$ -blockers by magnetic solid-phase extraction coupled with Fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2021, 12, 293-300.	2.4	5
32	In situ detection and imaging of lysophospholipids in zebrafish using matrix-assisted laser desorption/ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4637.	0.7	1