

Ting Wu

List of Publications by Year in descending order

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38
papers

573
citations

623734

14
h-index

677142

22
g-index

39
all docs

39
docs citations

39
times ranked

810
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel metastable state nanoparticle-enhanced Raman spectroscopy coupled with thin layer chromatography for determination of multiple pesticides. <i>Food Chemistry</i> , 2019, 270, 494-501.	8.2	44
2	A new SERS substrate based on silver nanoparticle functionalized polymethacrylate monoliths in a capillary, and its application to the trace determination of pesticides. <i>Mikrochimica Acta</i> , 2015, 182, 1775-1782.	5.0	43
3	Selective determination of mercury(II) by self-referenced surface-enhanced Raman scattering using dialkyne-modified silver nanoparticles. <i>Mikrochimica Acta</i> , 2014, 181, 1333-1339.	5.0	42
4	Chitosan/Al ₂ O ₃ -HA nanocomposite beads for efficient removal of estradiol and chrysoidin from aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 686-693.	7.5	40
5	Calibration transfer of near-infrared spectra for extraction of informative components from spectra with canonical correlation analysis. <i>Journal of Chemometrics</i> , 2014, 28, 773-784.	1.3	36
6	A needle-like reusable surface-enhanced Raman scattering substrate, and its application to the determination of acetamiprid by combining SERS and thin-layer chromatography. <i>Mikrochimica Acta</i> , 2018, 185, 504.	5.0	30
7	Ultrasensitive Detection of Enrofloxacin in Chicken Muscles by Surface-Enhanced Raman Spectroscopy Using Amino-Modified Glycidyl Methacrylate-Ethylene Dimethacrylate (GMA-EDMA) Powdered Porous Material. <i>Food Analytical Methods</i> , 2014, 7, 1219-1228.	2.6	28
8	A Surface Enhanced Raman Scattering (SERS) microdroplet detector for trace levels of crystal violet. <i>Mikrochimica Acta</i> , 2013, 180, 997-1004.	5.0	22
9	Gold-nanoparticle, functionalized-porous-polymer monolith enclosed in capillary for on-column SERS detection. <i>Analytical Methods</i> , 2015, 7, 1349-1357.	2.7	18
10	Determination of primary aromatic amines using immobilized nanoparticles based surface-enhanced Raman spectroscopy. <i>Chinese Chemical Letters</i> , 2016, 27, 745-748.	9.0	18
11	Matrix selection for polymer guanidine analysis by MALDI-TOF MS. <i>International Journal of Mass Spectrometry</i> , 2013, 356, 1-6.	1.5	15
12	Rapid detection of sulfamethoxazole in plasma and food samples with in-syringe membrane SPE coupled with solid-phase fluorescence spectrometry. <i>Food Chemistry</i> , 2020, 320, 126612.	8.2	15
13	Fabrication of uniform substrate based on silver nanoparticles decorated glycidyl methacrylate-ethylene dimethacrylate porous material for ultrasensitive surface-enhanced Raman scattering detection. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 47-53.	2.5	14
14	Rapid determination of trace thiabendazole in apple juice utilizing dispersive liquid-liquid microextraction combined with fluorescence spectrophotometry. <i>Luminescence</i> , 2015, 30, 872-877.	2.9	14
15	Digital image colorimetry coupled with a multichannel membrane filtration-enrichment technique to detect low concentration dyes. <i>Analytical Methods</i> , 2016, 8, 2887-2894.	2.7	14
16	Rapid In Situ SERS Analysis of Pesticide Residues on Plant Surfaces Based on Micelle Extraction of Targets and Stabilization of Ag Nanoparticle Aggregates. <i>Food Analytical Methods</i> , 2018, 11, 3161-3169.	2.6	14
17	Identification of two polyamides (PA11 and PA1012) using pyrolysis-GC/MS and MALDI-TOF MS. <i>Polymer Testing</i> , 2013, 32, 426-431.	4.8	13
18	Discrimination of Thermoplastic Polyesters by MALDI-TOF MS and Py-GC/MS. <i>International Journal of Polymer Analysis and Characterization</i> , 2014, 19, 441-452.	1.9	13

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19	<i>In situ</i> preparation of Ag nanoparticles by laser photoreduction as SERS substrate for determination of Hg ²⁺ . <i>Journal of Raman Spectroscopy</i> , 2017, 48, 399-404.	2.5	13
20	Rapid determination of fumonisin (FB1) by syringe SPE coupled with solid-phase fluorescence spectrometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 226, 117549.	3.9	13
21	Development of on-line spectroscopic determination approach of dispersive liquid-liquid microextraction based on an effective device. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 124, 159-164.	3.9	10
22	Highly specific phosphopeptide enrichment by titanium(IV) cross-linked chitosan composite. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1008, 234-239.	2.3	10
23	Assembly of a UV-LED induced fluorescence system for rapid determination of amiloride in pharmaceutical tablet and human serum. <i>Talanta</i> , 2019, 203, 77-82.	5.5	10
24	A Polymer-Based Matrix for Effective SALDI Analysis of Lipids. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1189-1195.	2.8	10
25	On-chip solid phase extraction and in situ optical detection. <i>Talanta</i> , 2019, 197, 299-303.	5.5	9
26	Portable Microfluidic Chip Based Surface-Enhanced Raman Spectroscopy Sensor for Crystal Violet. <i>Analytical Letters</i> , 2014, 47, 2682-2690.	1.8	8
27	A Modified Moving-Window Partial Least-Squares Method by Coupling with Sampling Error Profile Analysis for Variable Selection in Near-Infrared Spectral Analysis. <i>Analytical Sciences</i> , 2020, 36, 303-309.	1.6	8
28	Identification of polymer building blocks by Py-GC/MS and MALDI-TOF MS. <i>International Journal of Polymer Analysis and Characterization</i> , 2018, 23, 9-17.	1.9	7
29	Solvent effect in polymer analysis by MALDI-TOF mass spectrometry. <i>International Journal of Polymer Analysis and Characterization</i> , 2017, 22, 160-168.	1.9	6
30	Real-time preparation of surface enhanced Raman scattering substrate for on-line analysis of aromatic molecules in capillary. <i>Microchemical Journal</i> , 2018, 137, 15-21.	4.5	6
31	Solid-Phase Room-Temperature Fluorescence Using a Nylon Membrane for the Determination of 2-Naphthalene Sulfonic Acid. <i>Analytical Letters</i> , 2013, 46, 2410-2420.	1.8	5
32	A novel alternating least-squares method based on fixed region scanning evolving factor analysis (FRSEFA) and its application in process monitoring. <i>Analytical Methods</i> , 2014, 6, 7883-7890.	2.7	4
33	Label-free quantification of peptides in solution by disposable patterned hydrophilic chip based MALDI imaging. <i>Chinese Chemical Letters</i> , 2016, 27, 901-904.	9.0	4
34	Quantitative analysis of free fatty acids in gout by disposable paper-array plate based MALDI MS. <i>Analytical Biochemistry</i> , 2019, 579, 38-43.	2.4	4
35	Tuning the sensing range of potassium ions by changing the loop size of G-quadruplex sensors. <i>New Journal of Chemistry</i> , 2016, 40, 9285-9290.	2.8	3
36	Multilayer and multichannel membrane filtration for separation and preconcentration of trace analytes and its application in spectral analysis. <i>Analytical Methods</i> , 2016, 8, 129-135.	2.7	3

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37	Nontargeted UHPLC-MS for the Study of the Diversity of Flavonoid Glycosides in Different Fermented Teas. <i>Chromatographia</i> , 2021, 84, 571-579.	1.3	3
38	Clinical application of liver diseases diagnosis using ultrahigh-sensitive liquid chromatography-mass spectrometry for sialic acids detection. <i>Journal of Chromatography A</i> , 2022, 1666, 462837.	3.7	2