

Yiyang Dong

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

718
citations

623734

14
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

880
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamer and Its Potential Applications for Food Safety. <i>Critical Reviews in Food Science and Nutrition</i> , 2014, 54, 1548-1561.	10.3	92
2	Applications of DART-MS for food quality and safety assurance in food supply chain. <i>Mass Spectrometry Reviews</i> , 2017, 36, 161-187.	5.4	91
3	A direct competitive assay-based aptasensor for sensitive determination of tetracycline residue in Honey. <i>Talanta</i> , 2015, 131, 562-569.	5.5	90
4	Rapid screening and quantification of residual pesticides and illegal adulterants in red wine by direct analysis in real time mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1471, 27-33.	3.7	50
5	Aptamer-based Colorimetric Biosensing of Ochratoxin A in Fortified White Grape Wine Sample Using Unmodified Gold Nanoparticles. <i>Analytical Sciences</i> , 2017, 33, 659-664.	1.6	48
6	Aptamers and Aptasensors for Highly Specific Recognition and Sensitive Detection of Marine Biotoxins: Recent Advances and Perspectives. <i>Toxins</i> , 2018, 10, 427.	3.4	43
7	Development of a chimeric aptamer and an AuNPs aptasensor for highly sensitive and specific identification of Aflatoxin B1. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128250.	7.8	41
8	High-Throughput Aptamer Microarrays for Fluorescent Detection of Multiple Organophosphorus Pesticides in Food. <i>Analytical Chemistry</i> , 2022, 94, 3173-3179.	6.5	38
9	Conformational structure-dependent molecular recognition of two aptamers for tetracycline. <i>RSC Advances</i> , 2015, 5, 53796-53801.	3.6	26
10	A molecular recognition assisted colorimetric aptasensor for tetracycline. <i>RSC Advances</i> , 2016, 6, 45645-45651.	3.6	26
11	Direct determination of multi-pesticides in wine by ambient mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2017, 417, 53-57.	1.5	25
12	Paper spray ionization mass spectrometry for rapid quantification of illegal beverage dyes. <i>Analytical Methods</i> , 2017, 9, 6273-6279.	2.7	23
13	Advances and perspectives of aptasensors for the detection of tetracyclines: A class of model compounds of food analysis. <i>Food Chemistry</i> , 2021, 364, 130361.	8.2	23
14	Simultaneous qualification and quantitation of natural trans-1,4-polyisoprene from <i>Eucommia ulmoides</i> Oliver by gel permeation chromatography (GPC). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1004, 17-22.	2.3	21
15	The development of a graphene oxide-based aptasensor used for the detection of tetracycline in honey. <i>Analytical Methods</i> , 2017, 9, 1133-1140.	2.7	15
16	Rational Rubber Extraction and Simultaneous Determination of Rubber Content and Molecular Weight Distribution in <i>Taraxacum kok-saghyz</i> Rodin by Size-Exclusion Chromatography. <i>Chromatographia</i> , 2019, 82, 1459-1466.	1.3	13
17	Quantitation of isoprenoids for natural rubber biosynthesis in natural rubber latex by liquid chromatography with tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1558, 115-119.	3.7	12
18	Automatically High-Throughput Quantification by Paper Spray Ionization Mass Spectrometry for Multiple Pesticides in Wine. <i>Food Analytical Methods</i> , 2019, 12, 1208-1217.	2.6	10

#	ARTICLE	IF	CITATIONS
19	Non-target geographic region discrimination of Cabernet Sauvignon wine by direct analysis in real time mass spectrometry with chemometrics methods. International Journal of Mass Spectrometry, 2021, 464, 116577.	1.5	10
20	Structural identification of sour compounds in wine and tea by ambient ionization mass spectrometry according to characteristic product ion and neutral loss. Food Chemistry, 2021, 353, 129446.	8.2	7
21	Rapid determination of volatile organic acids in edible salt and high-salinity food by direct analysis in real time mass spectrometry. International Journal of Mass Spectrometry, 2019, 444, 116166.	1.5	6
22	Coencapsulation of Carbon Dots and Gold Nanoparticles over Escherichia coli for Bacterium Assay by Surface-Enhanced Raman Scattering. ACS Applied Bio Materials, 2021, 4, 597-604.	4.6	6
23	Some Frontier Technologies for Aptamers in Medical Applications. , 2021, , 375-403.		2