Yiyang Dong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8020030/publications.pdf

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		623734	677142
23	718	14	22
papers	citations	h-index	g-index

24	24	24	880
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-Throughput Aptamer Microarrays for Fluorescent Detection of Multiple Organophosphorus Pesticides in Food. Analytical Chemistry, 2022, 94, 3173-3179.	6.5	38
2	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
3	Some Frontier Technologies for Aptamers in Medical Applications. , 2021, , 375-403.		2
4	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
5	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
6	Advances and perspectives of aptasensors for the detection of tetracyclines: A class of model compounds of food analysis. Food Chemistry, 2021, 364, 130361.	8.2	23
7	Development of a chimeric aptamer and an AuNPs aptasensor for highly sensitive and specific identification of Aflatoxin B1. Sensors and Actuators B: Chemical, 2020, 319, 128250.	7.8	41
8	Rational Rubber Extraction and Simultaneous Determination of Rubber Content and Molecular Weight Distribution in Taraxacum kok-saghyz Rodin by Size-Exclusion Chromatography. Chromatographia, 2019, 82, 1459-1466.	1.3	13
9	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
10	Automatically High-Throughput Quantification by Paper Spray Ionization Mass Spectrometry for Multiple Pesticides in Wine. Food Analytical Methods, 2019, 12, 1208-1217.	2.6	10
11	Aptamers and Aptasensors for Highly Specific Recognition and Sensitive Detection of Marine Biotoxins: Recent Advances and Perspectives. Toxins, 2018, 10, 427.	3.4	43
12	Quantitation of isoprenoids for natural rubber biosynthesis in natural rubber latex by liquid chromatography with tandem mass spectrometry. Journal of Chromatography A, 2018, 1558, 115-119.	3.7	12
13	Applications of DARTâ€MS for food quality and safety assurance in food supply chain. Mass Spectrometry Reviews, 2017, 36, 161-187.	5.4	91
14	The development of a graphene oxide-based aptasensor used for the detection of tetracycline in honey. Analytical Methods, 2017, 9, 1133-1140.	2.7	15
15	Direct determination of multi-pesticides in wine by ambient mass spectrometry. International Journal of Mass Spectrometry, 2017, 417, 53-57.	1.5	25
16	Paper spray ionization mass spectrometry for rapid quantification of illegal beverage dyes. Analytical Methods, 2017, 9, 6273-6279.	2.7	23
17	Aptamer-based Colorimetrie Biosensing of Ochratoxin A in Fortified White Grape Wine Sample Using Unmodified Gold Nanopartieles. Analytical Sciences, 2017, 33, 659-664.	1.6	48
18	A molecular recognition assisted colorimetric aptasensor for tetracycline. RSC Advances, 2016, 6, 45645-45651.	3.6	26

#	Article	IF	Citations
19	Rapid screening and quantification of residual pesticides and illegal adulterants in red wine by direct analysis in real time mass spectrometry. Journal of Chromatography A, 2016, 1471, 27-33.	3.7	50
20	Conformational structure-dependent molecular recognition of two aptamers for tetracycline. RSC Advances, 2015, 5, 53796-53801.	3.6	26
21	Simultaneous qualitation and quantitation of natural trans-1,4-polyisoprene from Eucommia ulmoides Oliver by gel permeation chromatography (GPC). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1004, 17-22.	2.3	21
22	A direct competitive assay-based aptasensor for sensitive determination of tetracycline residue in Honey. Talanta, 2015, 131, 562-569.	5.5	90
23	Aptamer and Its Potential Applications for Food Safety. Critical Reviews in Food Science and Nutrition, 2014, 54, 1548-1561.	10.3	92