Jie Cheng

List of Publications by Year
in descending order

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23	597	643344	721071
papers	citations	15	23
		h-index	g-index

23	23	23	668
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of the key odorants in grilled mutton shashlik with or without suet brushing during grilling. Flavour and Fragrance Journal, 2021, 36, 111-120.	1.2	23
2	Simultaneous adsorption and determination of bisphenol compounds in water medium with a Zr(IV)-based metal-organic framework. Mikrochimica Acta, 2021, 188, 83.	2.5	5
3	Triblock polyadenine probe-based electrochemical DNA sensor by integrating 3D DNAzyme walker and strand displacement for ultrasensitive and rapid detection of Pb2+. Sensors and Actuators B: Chemical, 2021, 347, 130636.	4.0	7
4	Characterization of initial reaction intermediates in heated model systems of glucose, glutathione, and aliphatic aldehydes. Food Chemistry, 2020, 305, 125482.	4.2	27
5	Short- and medium-chain chlorinated paraffins in plastic animal feed packaging and factors affect their migration into animal feed. Journal of Hazardous Materials, 2020, 389, 121836.	6.5	12
6	A competitive electrochemical immunosensor based on bimetallic nanoparticle decorated nanoflower-like MnO2 for enhanced peroxidase-like activity and sensitive detection of Tetrabromobisphenol A. Sensors and Actuators B: Chemical, 2020, 325, 128909.	4.0	15
7	Short- and medium-chain chlorinated paraffins in imported commercial dry cat and dog food in China: Concentrations, distributions and risk assessment. Emerging Contaminants, 2020, 6, 268-273.	2.2	2
8	A Versatile SERS Sensor for Multiple Determinations of Polycyclic Aromatic Hydrocarbons and Its Application Potential in Analysis of Fried Foods. International Journal of Analytical Chemistry, 2020, 2020, 1-11.	0.4	8
9	Surface-enhanced Raman spectroscopy for polychlorinated biphenyl detection: Recent developments and future prospects. TrAC - Trends in Analytical Chemistry, 2020, 125, 115836.	5.8	28
10	The Twice-Oxidized Graphene Oxide/Gold Nanoparticles Composite SERS Substrate for Sensitive Detection of Clenbuterol Residues in Animal-Origin Food Samples. Food Analytical Methods, 2020, 13, 902-910.	1.3	4
11	Sensitive and Selective Detection of Bisphenol Compounds in a Fluorescent Metal-Organic Framework. Sensors and Actuators B: Chemical, 2020, 314, 128048.	4.0	33
12	Determination of 2,3,7,8-tetrachlorodibenzo-p-dioxin based on SERS substrates composited of Au nanoparticles supported on twice-oxidized graphene oxide. Mikrochimica Acta, 2020, 187, 283.	2.5	5
13	Meat flavor generation from different composition patterns of initial Maillard stage intermediates formed in heated cysteine-xylose-glycine reaction systems. Food Chemistry, 2019, 274, 79-88.	4.2	59
14	Formation mechanism of aroma compounds in a glutathione-glucose reaction with fat or oxidized fat. Food Chemistry, 2019, 270, 436-444.	4.2	61
15	Determination and removal of clenbuterol with a stable fluorescent zirconium(IV)-based metal organic framework. Mikrochimica Acta, 2019, 186, 454.	2.5	32
16	Rapid and sensitive determination of clenbuterol residues in animal urine by surface-enhanced Raman spectroscopy. Sensors and Actuators B: Chemical, 2019, 279, 7-14.	4.0	38
17	Rapid and sensitive detection of acrylamide in fried food using dispersive solid-phase extraction combined with surface-enhanced Raman spectroscopy. Food Chemistry, 2019, 276, 157-163.	4.2	45
18	Recent Progress on the Detection of Dioxins Based on Surface-enhanced Raman Spectroscopy. Acta Chimica Sinica, 2019, 77, 977.	0.5	4

#	Article	IF	Citations
19	Ultrasensitive detection of salbutamol in animal urine by immunomagnetic bead treatment coupling with surface-enhanced Raman spectroscopy. Sensors and Actuators B: Chemical, 2018, 255, 2329-2338.	4.0	34
20	Aroma Compounds in Chicken Broths of Beijing Youji and Commercial Broilers. Journal of Agricultural and Food Chemistry, 2018, 66, 10242-10251.	2.4	86
21	Highly Sensitive Detection of Clenbuterol in Animal Urine Using Immunomagnetic Bead Treatment and Surface-Enhanced Raman Spectroscopy. Scientific Reports, 2016, 6, 32637.	1.6	32
22	Highly Sensitive Detection of Melamine Using a One-Step Sample Treatment Combined with a Portable Ag Nanostructure Array SERS Sensor. PLoS ONE, 2016, 11, e0154402.	1.1	16
23	Simultaneous Identification and Quantification of 20 Î²-Receptor Agonists in Feed Using Gas Chromatography-Tandem Mass Spectrometry. PLoS ONE, 2013, 8, e76400.	1.1	21