Yukun Yang

List of Publications by Citations

33	782	15	27
papers	citations	h-index	g-index
35	960	7.1	4.25
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
33	Upconversion fluorescence metal-organic frameworks thermo-sensitive imprinted polymer for enrichment and sensing protein. *Biosensors and Bioelectronics*, **2016**, 79, 341-6	11.8	89
32	Electrochemical sensor based on molecularly imprinted polymer film via sol-gel technology and multi-walled carbon nanotubes-chitosan functional layer for sensitive determination of quinoxaline-2-carboxylic acid. *Biosensors and Bioelectronics*, **2013**, 47, 475-81	11.8	76
31	A novel dual-function molecularly imprinted polymer on CdTe/ZnS quantum dots for highly selective and sensitive determination of ractopamine. *Analytica Chimica Acta*, **2013**, 762, 76-82	6.6	68
30	A molecularly imprinted electrochemiluminescence sensor based on upconversion nanoparticles enhanced by electrodeposited rGO for selective and ultrasensitive detection of clenbuterol. *Biosensors and Bioelectronics*, **2018**, 102, 357-364	11.8	61
29	Quartz crystal microbalance sensor based on molecularly imprinted polymer membrane and three-dimensional Au nanoparticles@mesoporous carbon CMK-3 functional composite for ultrasensitive and specific determination of citrinin. *Sensors and Actuators B: Chemical*, **2016**, 230, 272-280	8.5	50
28	Prussian blue mediated amplification combined with signal enhancement of ordered mesoporous carbon for ultrasensitive and specific quantification of metolcarb by a three-dimensional molecularly imprinted electrochemical sensor. *Biosensors and Bioelectronics*, **2015**, 64, 247-54	11.8	49
27	Magnetic molecularly imprinted electrochemical sensors: A review. *Analytica Chimica Acta*, **2020**, 1106, 1-21	6.6	39
26	Development and application of molecularly imprinted quartz crystal microbalance sensor for rapid detection of metolcarb in foods. *Sensors and Actuators B: Chemical*, **2017**, 251, 720-728	8.5	38
25	Electrochemiluminescent graphene quantum dots enhanced by MoS2 as sensing platform: a novel molecularly imprinted electrochemiluminescence sensor for 2-methyl-4-chlorophenoxyacetic acid assay. *Electrochimica Acta*, **2017**, 228, 107-113	6.7	35
24	Isolation, purification and identification of antioxidants in an aqueous aged garlic extract. *Food Chemistry*, **2015**, 187, 37-43	8.5	32
23	Development and application of a quartz crystal microbalance sensor based on molecularly imprinted sol-gel polymer for rapid detection of patulin in foods. *Sensors and Actuators B: Chemical*, **2016**, 237, 239-246	8.5	32
22	Sensitive and selective electrochemical determination of quinoxaline-2-carboxylic acid based on bilayer of novel poly(pyrrole) functional composite using one-step electro-polymerization and molecularly imprinted poly(o-phenylenediamine). *Analytica Chimica Acta*, **2014**, 806, 136-43	6.6	32
21	Molecularly imprinted biomimetic QCM sensor involving a poly(amidoamine) dendrimer as a functional monomer for the highly selective and sensitive determination of methimazole. *Sensors and Actuators B: Chemical*, **2015**, 207, 588-595	8.5	27
20	Imprinting of molecular recognition sites combined with □donor-acceptor interactions using bis-aniline-crosslinked Au-CdSe/ZnS nanoparticles array on electrodes: Development of electrochemiluminescence sensor for the ultrasensitive and selective detection of 2-methyl-4-chlorophenoxyacetic acid. *Biosensors and Bioelectronics*, **2016**, 77, 1134-43	11.8	26
19	Preparation and evaluation of novel surface molecularly imprinted polymers by sol□gel process for online solid-phase extraction coupled with high performance liquid chromatography to detect trace patulin in fruit derived products. *RSC Advances*, **2016**, 6, 54510-54517	3.7	22
18	Molecularly imprinted electrodeposition o-aminothiophenol sensor for selective and sensitive determination of amantadine in animal-derived foods. *Sensors and Actuators B: Chemical*, **2017**, 238, 32-39	8.5	15
17	Development of a molecularly imprinted photoelectrochemical sensing platform based on NH-MIL-125(Ti)-TiO composite for the sensitive and selective determination of oxtetracycline. *Biosensors and Bioelectronics*, **2021**, 177, 113000	11.8	14

16	Fluorometric microplate-based dimethoate assay using CdSe/ZnS quantum dots coated with a molecularly imprinted polymer. *Mikrochimica Acta*, **2019**, 186, 589	5.8	12
15	A novel C18 reversed phase organic–silica hybrid cationic monolithic capillary column with an ionic liquid as an organic monomer via a "one-pot" approach for capillary electrochromatography. *RSC Advances*, **2014**, 4, 15518-15525	3.7	12
14	Label-free detection of breast cancer biomarker using silica microfiber interferometry. *Optics Communications*, **2020**, 463, 125375	2	10
13	Synthesis of triethylene tetramine-modified water-insoluble corn flour caged in magnetic chitosan resin and its adsorption application for removal of patulin from apple juice. *Journal of Food Science*, **2020**, 85, 1371-1379	3.4	9
12	Safety Assessment and Comparison of Sodium Selenite and Bioselenium Obtained from Yeast in Mice. *BioMed Research International*, **2017**, 2017, 3980972	3	8
11	Identification of Antioxidants in Aged Garlic Extract by Gas Chromatography-Mass Spectrometry and Liquid Chromatography-Mass Spectrometry. *International Journal of Food Properties*, **2016**, 19, 474-483	3	5
10	Sensitive and selective electrochemical aptasensor via diazonium-coupling reaction for label-free determination of oxytetracycline in milk samples. *Sensors and Actuators Reports*, **2020**, 2, 100009	4.7	5
9	A selectivity-enhanced ratiometric fluorescence imprinted sensor based on synergistic effect of covalent and non-covalent recognition units for ultrasensitive detection of ribavirin. *Journal of Hazardous Materials*, **2022**, 421, 126748	12.8	4
8	The antioxidant activity of self-made aged garlic extract on the d-galactose-induced mice and its mechanism research gene chip analysis.. *RSC Advances*, **2019**, 9, 3669-3678	3.7	2
7	Surface molecularly imprinted magnetic MOFs: A novel platform coupled with magneto electrode for high throughput electrochemical sensing analysis of oxytetracycline in foods. *Food Chemistry*, **2021**, 363, 130337	8.5	2
6	A molecularly imprinted electrochemical sensor based on cationic intercalated two-dimensional titanium carbide nanosheets for sensitive and selective detection of triclosan in food samples. *Food Control*, **2022**, 132, 108532	6.2	2
5	A novel metal-organic frameworks composite-based label-free point-of-care quartz crystal microbalance aptasensing platform for tetracycline detection. *Food Chemistry*, **2022**, 133302	8.5	2
4	Impact of frozen storage duration of raw pork on the formation of advanced glycation end-products in meatballs. *LWT - Food Science and Technology*, **2021**, 146, 111481	5.4	1
3	N-carboxymethyl-lysine and N-carboxyethyl-lysine contents in commercial meat products.. *Food Research International*, **2022**, 155, 111048	7	1
2	Effect of oxidation and hydrolysis of porcine myofibrillar protein on N-carboxymethyl-lysine formation in model systems. *International Journal of Food Science and Technology*, **2021**, 56, 3076-3084	3.8	0
1	Real-Time Drug Delivery System Tracked Through an Optical Microfiber: Supporting Interface of Metal-Organic-Framework. *Particle and Particle Systems Characterization*, **2022**, 39, 2100221	3.1	0