

# Yukun Yang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33  
papers

782  
citations

15  
h-index

27  
g-index

35  
ext. papers

960  
ext. citations

7.1  
avg, IF

4.25  
L-index

#	Paper	IF	Citations
33	A molecularly imprinted electrochemical sensor based on cationic intercalated two-dimensional titanium carbide nanosheets for sensitive and selective detection of triclosan in food samples. <i>Food Control</i> , <b>2022</b> , 132, 108532	6.2	2
32	A selectivity-enhanced ratiometric fluorescence imprinted sensor based on synergistic effect of covalent and non-covalent recognition units for ultrasensitive detection of ribavirin. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 421, 126748	12.8	4
31	N-carboxymethyl-lysine and N-carboxyethyl-lysine contents in commercial meat products.. <i>Food Research International</i> , <b>2022</b> , 155, 111048	7	1
30	Real-Time Drug Delivery System Tracked Through an Optical Microfiber: Supporting Interface of Metal-Organic-Framework. <i>Particle and Particle Systems Characterization</i> , <b>2022</b> , 39, 2100221	3.1	0
29	A novel metal-organic frameworks composite-based label-free point-of-care quartz crystal microbalance aptasensing platform for tetracycline detection. <i>Food Chemistry</i> , <b>2022</b> , 133302	8.5	2
28	Development of a molecularly imprinted photoelectrochemical sensing platform based on NH-MIL-125(Ti)-TiO composite for the sensitive and selective determination of oxtetracycline. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 177, 113000	11.8	14
27	Impact of frozen storage duration of raw pork on the formation of advanced glycation end-products in meatballs. <i>LWT - Food Science and Technology</i> , <b>2021</b> , 146, 111481	5.4	1
26	Effect of oxidation and hydrolysis of porcine myofibrillar protein on N-carboxymethyl-lysine formation in model systems. <i>International Journal of Food Science and Technology</i> , <b>2021</b> , 56, 3076-3084	3.8	0
25	Surface molecularly imprinted magnetic MOFs: A novel platform coupled with magneto electrode for high throughput electrochemical sensing analysis of oxytetracycline in foods. <i>Food Chemistry</i> , <b>2021</b> , 363, 130337	8.5	2
24	Sensitive and selective electrochemical aptasensor via diazonium-coupling reaction for label-free determination of oxytetracycline in milk samples. <i>Sensors and Actuators Reports</i> , <b>2020</b> , 2, 100009	4.7	5
23	Magnetic molecularly imprinted electrochemical sensors: A review. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1106, 1-21	6.6	39
22	Label-free detection of breast cancer biomarker using silica microfiber interferometry. <i>Optics Communications</i> , <b>2020</b> , 463, 125375	2	10
21	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. <i>Journal of Food Science</i> , <b>2020</b> , 85, 1371-1379	3.4	9
20	The antioxidant activity of self-made aged garlic extract on the d-galactose-induced mice and its mechanism research gene chip analysis.. <i>RSC Advances</i> , <b>2019</b> , 9, 3669-3678	3.7	2
19	Fluorometric microplate-based dimethoate assay using CdSe/ZnS quantum dots coated with a molecularly imprinted polymer. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 589	5.8	12
18	A molecularly imprinted electrochemiluminescence sensor based on upconversion nanoparticles enhanced by electrodeposited rGO for selective and ultrasensitive detection of clenbuterol. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 102, 357-364	11.8	61
17	Electrochemiluminescent graphene quantum dots enhanced by MoS <sub>2</sub> as sensing platform: a novel molecularly imprinted electrochemiluminescence sensor for 2-methyl-4-chlorophenoxyacetic acid assay. <i>Electrochimica Acta</i> , <b>2017</b> , 228, 107-113	6.7	35

16	Development and application of molecularly imprinted quartz crystal microbalance sensor for rapid detection of metolcarb in foods. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 251, 720-728	8.5	38
15	Molecularly imprinted electrodeposition o-aminothiophenol sensor for selective and sensitive determination of amantadine in animal-derived foods. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 238, 32-39	8.5	15
14	Safety Assessment and Comparison of Sodium Selenite and Bioselenium Obtained from Yeast in Mice. <i>BioMed Research International</i> , <b>2017</b> , 2017, 3980972	3	8
13	Identification of Antioxidants in Aged Garlic Extract by Gas Chromatography-Mass Spectrometry and Liquid Chromatography-Mass Spectrometry. <i>International Journal of Food Properties</i> , <b>2016</b> , 19, 474-483	2.3	5
12	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. <i>RSC Advances</i> , <b>2016</b> , 6, 54510-54517	3.7	22
11	Development and application of a quartz crystal microbalance sensor based on molecularly imprinted sol-gel polymer for rapid detection of patulin in foods. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 237, 239-246	8.5	32
10	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. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 230, 272-280	8.5	50
9	Upconversion fluorescence metal-organic frameworks thermo-sensitive imprinted polymer for enrichment and sensing protein. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 79, 341-6	11.8	89
8	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. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 77, 1134-43	11.8	26
7	Isolation, purification and identification of antioxidants in an aqueous aged garlic extract. <i>Food Chemistry</i> , <b>2015</b> , 187, 37-43	8.5	32
6	Molecularly imprinted biomimetic QCM sensor involving a poly(amidoamine) dendrimer as a functional monomer for the highly selective and sensitive determination of methimazole. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 207, 588-595	8.5	27
5	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. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 64, 247-54	11.8	49
4	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). <i>Analytica Chimica Acta</i> , <b>2014</b> , 806, 136-43	6.6	32
3	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. <i>RSC Advances</i> , <b>2014</b> , 4, 15518-15525	3.7	12
2	A novel dual-function molecularly imprinted polymer on CdTe/ZnS quantum dots for highly selective and sensitive determination of ractopamine. <i>Analytica Chimica Acta</i> , <b>2013</b> , 762, 76-82	6.6	68
1	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. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 47, 475-81	11.8	76