Kaijun Xiao

List of Publications by Citations

24 papers	634 citations	11 h-index	25 g-index
26 ext. papers	785 ext. citations	5 avg, IF	4.67 L-index

#	Paper	IF	Citations
24	Modified QuEChERS combined with ultra high performance liquid chromatography tandem mass spectrometry to determine seven biogenic amines in Chinese traditional condiment soy sauce. *Food Chemistry*, **2017**, 229, 502-508	8.5	118
23	In Situ Assembly of Ultrathin PtRh Nanowires to Graphene Nanosheets as Highly Efficient Electrocatalysts for the Oxidation of Ethanol. *ACS Applied Materials & Interfaces*, **2017**, 9, 3535-3543	9.5	76
22	Development and comparison of single-step solid phase extraction and QuEChERS clean-up for the analysis of 7 mycotoxins in fruits and vegetables during storage by UHPLC-MS/MS. *Food Chemistry*, **2019**, 274, 471-479	8.5	75
21	Authenticity determination of honeys with non-extractable proteins by means of elemental analyzer (EA) and liquid chromatography (LC) coupled to isotope ratio mass spectroscopy (IRMS). *Food Chemistry*, **2018**, 240, 717-724	8.5	74
20	A novel approach for simultaneous analysis of perchlorate (ClO) and bromate (BrO) in fruits and vegetables using modified QuEChERS combined with ultrahigh performance liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2019**, 270, 196-203	8.5	71
19	Graphene oxide supported titanium dioxide & ferroferric oxide hybrid, a magnetically separable photocatalyst with enhanced photocatalytic activity for tetracycline hydrochloride degradation. *RSC Advances*, **2017**, 7, 21287-21297	3.7	50
18	Constructing Three-Dimensional Hierarchical Architectures by Integrating Carbon Nanofibers into Graphite Felts for Water Purification. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 2351-2358	8.3	43
17	Enhanced antioxidant activity, antibacterial activity and hypoglycemic effect of luteolin by complexation with manganese(II) and its inhibition kinetics on xanthine oxidase. *RSC Advances*, **2017**, 7, 53385-53395	3.7	33
16	Isotope Ratio Mass Spectrometry Coupled to Element Analyzer and Liquid Chromatography to Identify Commercial Honeys of Various Botanical Types. *Food Analytical Methods*, **2017**, 10, 2755-2763	3.4	16
15	High-Performance n-Butanol Recovery from Aqueous Solution by Pervaporation with a PDMS Mixed Matrix Membrane Filled with Zeolite. *Industrial & Engineering Chemistry Research*, **2020**, 59, 7777-7786	3.9	15
14	A sulfonated polymer membrane with Ag-based graft: morphology, characterization, antimicrobial activity and interception ability. *RSC Advances*, **2017**, 7, 37000-37006	3.7	12
13	Temperature-sensitive polyurethane (TSPU) film incorporated with carvacrol and cinnamyl aldehyde: antimicrobial activity, sustained release kinetics and potential use as food packaging for Cantonese-style moon cake. *International Journal of Food Science and Technology*, **2020**, 55, 293-302	3.8	11
12	Stability of carbon and nitrogen isotopic compositions of the protein extracted from milk and their potential as fingerprints of geographical origin. *RSC Advances*, **2017**, 7, 18946-18952	3.7	8
11	Quality Evaluation Focusing on Tissue Fractal Dimension and Chemical Changes for Frozen Tilapia with Treatment by Tangerine Peel Extract. *Scientific Reports*, **2017**, 7, 42202	4.9	7
10	A novel superchilling storage - ice glazing (SS-IG) approach using biopolymer-based composite hydrogel to delay microbiological spoilage and organic oxidation of preserved tilapia. *Journal of the Science of Food and Agriculture*, **2018**, 98, 5045-5051	4.3	5
9	Facile Synthesis of Silver Icosahedral Nanocrystals with Uniform and Controllable Sizes. *ChemNanoMat*, **2018**, 4, 1071-1077	3.5	5
8	Facile Synthesis of Ag@PdnL Icosahedral Nanocrystals as a Class of Cost-Effective Electrocatalysts toward Formic Acid Oxidation. *ChemCatChem*, **2020**, 12, 5156-5163	5.2	4

List of Publications

7	Preparation of an Amidated Graphene Oxide/Sulfonated Poly Ether Ether Ketone (AGO/SPEEK) Modified Atmosphere Packaging for the Storage of Cherry Tomatoes. *Foods*, **2021**, 10,	4.9	2
6	Facile and moderate immobilization of proteases on SPS nanospheres for the active collagen peptides. *Food Chemistry*, **2021**, 335, 127610	8.5	2
5	A novel gas conductor–gas barrier (GCB) blending membrane with adjustable gas separation capacity. *RSC Advances*, **2017**, 7, 53907-53915	3.7	1
4	Preparation of Cu3(BTC)2/PVC mixed matrix membrane for pomegranate seed storage. *Journal of Food Process Engineering*, **2021**, 44, e13754	2.4	1
3	The integrated production of ultrathin-CNand membrane assisted by edible syrup for the sustained photocatalytic treatment of Cr(VI) and tetracycline. *Nanotechnology*, **2021**, 32,	3.4	1
2	Scalable synthesis of monodisperse and recyclable sulphonated polystyrene microspheres for sustainable elimination of heavy metals in wastewater. *Environmental Technology (United Kingdom)*, **2021**, 1-13	2.6	0
1	Immobilization of Alkaline Collagenase from Bacillus subtilis onto Sulfonated Polystyrene Nanospheres for Hydrolysis of Tilapia Collagen. *Journal of Food Quality*, **2019**, 2019, 1-14	2.7	