

Kaijun Xiao

List of Publications by Year in Descending Order

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Version: 2024-04-24

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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.

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	Preparation of an Amidated Graphene Oxide/Sulfonated Poly Ether Ether Ketone (AGO/SPEEK) Modified Atmosphere Packaging for the Storage of Cherry Tomatoes. <i>Foods</i> , 2021 , 10,	4.9	2
23	Preparation of Cu ₃ (BTC) ₂ /PVC mixed matrix membrane for pomegranate seed storage. <i>Journal of Food Process Engineering</i> , 2021 , 44, e13754	2.4	1
22	Scalable synthesis of monodisperse and recyclable sulphonated polystyrene microspheres for sustainable elimination of heavy metals in wastewater. <i>Environmental Technology (United Kingdom)</i> , 2021 , 1-13	2.6	0
21	Facile and moderate immobilization of proteases on SPS nanospheres for the active collagen peptides. <i>Food Chemistry</i> , 2021 , 335, 127610	8.5	2
20	The integrated production of ultrathin-CNand membrane assisted by edible syrup for the sustained photocatalytic treatment of Cr(VI) and tetracycline. <i>Nanotechnology</i> , 2021 , 32,	3.4	1
19	High-Performance n-Butanol Recovery from Aqueous Solution by Pervaporation with a PDMS Mixed Matrix Membrane Filled with Zeolite. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 7777-7786	3.9	15
18	Facile Synthesis of Ag@Pd _n L Icosahedral Nanocrystals as a Class of Cost-Effective Electrocatalysts toward Formic Acid Oxidation. <i>ChemCatChem</i> , 2020 , 12, 5156-5163	5.2	4
17	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. <i>International Journal of Food Science and Technology</i> , 2020 , 55, 293-302	3.8	11
16	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. <i>Food Chemistry</i> , 2019 , 270, 196-203	8.5	71
15	Immobilization of Alkaline Collagenase from <i>Bacillus subtilis</i> onto Sulfonated Polystyrene Nanospheres for Hydrolysis of Tilapia Collagen. <i>Journal of Food Quality</i> , 2019 , 2019, 1-14	2.7	
14	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. <i>Food Chemistry</i> , 2019 , 274, 471-479	8.5	75
13	A novel superchilling storage - ice glazing (SS-IG) approach using biopolymer-based composite hydrogel to delay microbiological spoilage and organic oxidation of preserved tilapia. <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 5045-5051	4.3	5
12	Facile Synthesis of Silver Icosahedral Nanocrystals with Uniform and Controllable Sizes. <i>ChemNanoMat</i> , 2018 , 4, 1071-1077	3.5	5
11	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). <i>Food Chemistry</i> , 2018 , 240, 717-724	8.5	74
10	In Situ Assembly of Ultrathin PtRh Nanowires to Graphene Nanosheets as Highly Efficient Electrocatalysts for the Oxidation of Ethanol. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 3535-3543	9.5	76
9	Quality Evaluation Focusing on Tissue Fractal Dimension and Chemical Changes for Frozen Tilapia with Treatment by Tangerine Peel Extract. <i>Scientific Reports</i> , 2017 , 7, 42202	4.9	7
8	Modified QuEChERS combined with ultra high performance liquid chromatography tandem mass spectrometry to determine seven biogenic amines in Chinese traditional condiment soy sauce. <i>Food Chemistry</i> , 2017 , 229, 502-508	8.5	118

7	Graphene oxide supported titanium dioxide & ferroferric oxide hybrid, a magnetically separable photocatalyst with enhanced photocatalytic activity for tetracycline hydrochloride degradation. <i>RSC Advances</i> , 2017 , 7, 21287-21297	3.7	50
6	Isotope Ratio Mass Spectrometry Coupled to Element Analyzer and Liquid Chromatography to Identify Commercial Honeys of Various Botanical Types. <i>Food Analytical Methods</i> , 2017 , 10, 2755-2763	3.4	16
5	Stability of carbon and nitrogen isotopic compositions of the protein extracted from milk and their potential as fingerprints of geographical origin. <i>RSC Advances</i> , 2017 , 7, 18946-18952	3.7	8
4	A sulfonated polymer membrane with Ag-based graft: morphology, characterization, antimicrobial activity and interception ability. <i>RSC Advances</i> , 2017 , 7, 37000-37006	3.7	12
3	A novel gas conductor-gas barrier (GCGB) blending membrane with adjustable gas separation capacity. <i>RSC Advances</i> , 2017 , 7, 53907-53915	3.7	1
2	Enhanced antioxidant activity, antibacterial activity and hypoglycemic effect of luteolin by complexation with manganese(II) and its inhibition kinetics on xanthine oxidase. <i>RSC Advances</i> , 2017 , 7, 53385-53395	3.7	33
1	Constructing Three-Dimensional Hierarchical Architectures by Integrating Carbon Nanofibers into Graphite Felts for Water Purification. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 2351-2358	8.3	43