

Kaijun Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

901
citations

686830

13
h-index

610482

24
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26
all docs

26
docs citations

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times ranked

1199
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.2	143
2	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.	4.2	117
3	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.	4.2	96
4	A novel approach for simultaneous analysis of perchlorate (ClO_4^-) and bromate (BrO_3^-) in fruits and vegetables using modified QuEChERS combined with ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2019, 270, 196-203.	4.2	94
5	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.	4.0	86
6	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.	1.7	69
7	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.	3.2	57
8	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.	1.7	56
9	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.	1.8	34
10	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.	1.3	20
11	A sulfonated polymer membrane with Ag-based graft: morphology, characterization, antimicrobial activity and interception ability. <i>RSC Advances</i> , 2017, 7, 37000-37006.	1.7	20
12	Temperature-sensitive polyurethane (TSPU) film incorporated with carvacrol and cinnamyl aldehyde: antimicrobial activity, sustained release kinetics and potential use as food packaging for Cantonese moon cake. <i>International Journal of Food Science and Technology</i> , 2020, 55, 293-302.	1.3	17
13	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.	1.7	15
14	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.	1.6	14
15	A novel superchilling storage "ice glazing (SSIG) 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.	1.7	11
16	Facile Synthesis of Silver Icosahedral Nanocrystals with Uniform and Controllable Sizes. <i>ChemNanoMat</i> , 2018, 4, 1071-1077.	1.5	9
17	Facile Synthesis of Ag@Pd _{nL} Icosahedral Nanocrystals as a Class of Cost-Effective Electrocatalysts toward Formic Acid Oxidation. <i>ChemCatChem</i> , 2020, 12, 5156-5163.	1.8	8
18	A novel gas conductor "gas barrier (GCGB) blending membrane with adjustable gas separation capacity. <i>RSC Advances</i> , 2017, 7, 53907-53915.	1.7	7

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19	Facile and moderate immobilization of proteases on SPS nanospheres for the active collagen peptides. Food Chemistry, 2021, 335, 127610.	4.2	7
20	The integrated production of ultrathin g-C ₃ N ₄ and membrane assisted by edible syrup for the sustained photocatalytic treatment of Cr(VI) and tetracycline. Nanotechnology, 2021, 32, 465603.	1.3	6
21	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, 552.	1.9	5
22	Scalable synthesis of monodisperse and recyclable sulphonated polystyrene microspheres for sustainable elimination of heavy metals in wastewater. Environmental Technology (United Kingdom), 2022, 43, 3848-3860.	1.2	2
23	Preparation of Cu ₃ (BTC) ₂ /PVC mixed matrix membrane for pomegranate seed storage. Journal of Food Process Engineering, 2021, 44, e13754.	1.5	1
24	Immobilization of Alkaline Collagenase from <i>Bacillus subtilis</i> onto Sulfonated Polystyrene Nanospheres for Hydrolysis of Tilapia Collagen. Journal of Food Quality, 2019, 2019, 1-14.	1.4	0
25	Evaluation on antiosteoporosis of collagen peptides prepared by immobilized protease with eggshell membrane. Journal of Food Science, 2022, , .	1.5	0