

# Xiaomeng Wu

## List of Publications by Year in descending order

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16  
papers

509  
citations

1163117

8  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

697  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of High Pressure Processing on the Preparation and Characteristic Changes of Biopolymer-Based Films in Food Packaging Applications. <i>Food Engineering Reviews</i> , 2021, 13, 454-464.	5.9	9
2	High pressure processing combined with selected hurdles: Enhancement in the inactivation of vegetative microorganisms. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 1800-1828.	11.7	20
3	A new <i>Leuconostoc citreum</i> strain discovered in the traditional sweet potato sour liquid fermentation as a novel bioflocculant for highly efficient starch production. <i>Food Research International</i> , 2021, 144, 110327.	6.2	5
4	Highly Sensitive Detection and Differentiation of Endotoxins Derived from Bacterial Pathogens by Surface-Enhanced Raman Scattering. <i>Biosensors</i> , 2021, 11, 234.	4.7	7
5	The effect of high pressure combined with moderate temperature and peptidoglycan fragments on spore inactivation. <i>Food Research International</i> , 2021, 148, 110615.	6.2	9
6	Compared analysis of microbial diversity in donkey milk from Xinjiang and Shandong of China through High-throughput sequencing. <i>Food Research International</i> , 2020, 137, 109684.	6.2	13
7	Improving the production efficiency of sweet potato starch using a newly designed sedimentation tank during starch sedimentation process. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14811.	2.0	7
8	Masking the Perceived Astringency of Proanthocyanidins in Beverages Using Oxidized Starch Hydrogel Microencapsulation. <i>Foods</i> , 2020, 9, 756.	4.3	10
9	Building of Pressure-Assisted Ultra-High Temperature System and Its Inactivation of Bacterial Spores. <i>Frontiers in Microbiology</i> , 2019, 10, 1275.	3.5	8
10	Rapid Detection of Pathogenic Bacteria from Fresh Produce by Filtration and Surface-Enhanced Raman Spectroscopy. <i>Jom</i> , 2016, 68, 1156-1162.	1.9	20
11	SERS spectrum of the peptide thymosin $\alpha$ 1 obtained with Ag nanorod substrate. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 194-196.	2.5	6
12	Differentiation and classification of bacteria using vancomycin functionalized silver nanorods array based surface-enhanced Raman spectroscopy and chemometric analysis. <i>Talanta</i> , 2015, 139, 96-103.	5.5	67
13	Detection of metronidazole and ronidazole from environmental Samples by surface enhanced Raman spectroscopy. <i>Talanta</i> , 2014, 128, 293-298.	5.5	67
14	Culture-free diagnostics of <i>Pseudomonas aeruginosa</i> infection by silver nanorod array based SERS from clinical sputum samples. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1863-1870.	3.3	65
15	Detection and differentiation of foodborne pathogenic bacteria in mung bean sprouts using field deployable label-free SERS devices. <i>Analyst</i> , The, 2013, 138, 3005.	3.5	98
16	The surface-enhanced Raman spectra of aflatoxins: spectral analysis, density functional theory calculation, detection and differentiation. <i>Analyst</i> , The, 2012, 137, 4226.	3.5	98