

Xilong Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

186
citations

1163117
8
h-index

1372567
10
g-index

11
all docs

11
docs citations

11
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	Bulk and interfacial properties of milk fat emulsions stabilized by whey protein isolate and whey protein aggregates. <i>Food Hydrocolloids</i> , 2020, 109, 106100.	10.7	35
2	Contact resonance force microscopy for nanomechanical characterization: Accuracy and sensitivity. <i>Journal of Applied Physics</i> , 2013, 114, 064301.	2.5	27
3	Microstructural evolution of whipped cream in whipping process observed by confocal laser scanning microscopy. <i>International Journal of Food Properties</i> , 2018, 21, 593-605.	3.0	23
4	Effects of glycerol monostearate and Tween 80 on the physical properties and stability of recombined low-fat dairy cream. <i>Dairy Science and Technology</i> , 2016, 96, 377-390.	2.2	21
5	Acid-induced gels from soy and whey protein thermally-induced mixed aggregates: Rheology and microstructure. <i>Food Hydrocolloids</i> , 2022, 125, 107376.	10.7	20
6	Nanoscale structural and functional mapping of nacre by scanning probe microscopy techniques. <i>Nanoscale</i> , 2013, 5, 11885.	5.6	19
7	Stability and physical properties of recombined dairy cream: Effects of soybean lecithin. <i>International Journal of Food Properties</i> , 2017, 20, 2223-2233.	3.0	19
8	Nanomechanical mapping of glass fiber reinforced polymer composites using atomic force acoustic microscopy. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	9
9	Are micelles actually at the interface in micellar casein stabilized foam and emulsions?. <i>Food Hydrocolloids</i> , 2022, 129, 107610.	10.7	8
10	Structure and rheological properties of oil-water and air-water interfaces stabilized with micellar casein isolate and whey protein isolate mixtures. <i>Food Hydrocolloids</i> , 2022, 133, 107946.	10.7	5
11	Local Contact Stiffness Detection for Nondestructive Testing Based on the Contact Resonance of a Piezoelectric Cantilever. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2015, 137, .	1.6	0