

Yuhua Chang

List of Publications by Citations

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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.

14
papers

1,018
citations

13
h-index

14
g-index

14
ext. papers

1,146
ext. citations

6.2
avg, IF

4.6
L-index

#	Paper	IF	Citations
14	Influence of surfactant charge on antimicrobial efficacy of surfactant-stabilized thyme oil nanoemulsions. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 6247-55	5.7	174
13	Physical properties and antimicrobial efficacy of thyme oil nanoemulsions: influence of ripening inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 12056-63	5.7	166
12	Physicochemical properties and antimicrobial efficacy of carvacrol nanoemulsions formed by spontaneous emulsification. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 8906-13	5.7	134
11	Optimization of orange oil nanoemulsion formation by isothermal low-energy methods: influence of the oil phase, surfactant, and temperature. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 2306-12	5.7	118
10	Fabrication, stability and efficacy of dual-component antimicrobial nanoemulsions: essential oil (thyme oil) and cationic surfactant (lauric arginate). <i>Food Chemistry</i> , 2015 , 172, 298-304	8.5	96
9	Interactions of a cationic antimicrobial (ε-polylysine) with an anionic biopolymer (pectin): an isothermal titration calorimetry, microelectrophoresis, and turbidity study. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 5579-88	5.7	53
8	Low concentration of ethylenediaminetetraacetic acid (EDTA) affects biofilm formation of <i>Listeria monocytogenes</i> by inhibiting its initial adherence. <i>Food Microbiology</i> , 2012 , 29, 10-7	6	52
7	Effectiveness of a novel spontaneous carvacrol nanoemulsion against <i>Salmonella enterica</i> Enteritidis and <i>Escherichia coli</i> O157:H7 on contaminated mung bean and alfalfa seeds. <i>International Journal of Food Microbiology</i> , 2014 , 187, 15-21	5.8	48
6	Physicochemical properties and antimicrobial efficacy of electrostatic complexes based on cationic ε-polylysine and anionic pectin. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 6776-82	5.7	39
5	Cationic antimicrobial (ε-polylysine)-anionic polysaccharide (pectin) interactions: influence of polymer charge on physical stability and antimicrobial efficacy. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 1837-44	5.7	38
4	Identification of genes involved in <i>Listeria monocytogenes</i> biofilm formation by mariner-based transposon mutagenesis. <i>Applied Microbiology and Biotechnology</i> , 2012 , 93, 2051-62	5.7	33
3	Antimicrobial delivery systems based on electrostatic complexes of cationic ε-polylysine and anionic gum arabic. <i>Food Hydrocolloids</i> , 2014 , 35, 137-143	10.6	31
2	Interaction of cationic antimicrobial (ε-polylysine) with food-grade biopolymers: Dextran, chitosan, carrageenan, alginate, and pectin. <i>Food Research International</i> , 2014 , 64, 396-401	7	28
1	Disruption of lmo1386, a putative DNA translocase gene, affects biofilm formation of <i>Listeria monocytogenes</i> on abiotic surfaces. <i>International Journal of Food Microbiology</i> , 2013 , 161, 158-63	5.8	8