

Ai-dong Sun

List of Publications by Year in descending order

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12
papers

274
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1163117

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times ranked

433
citing authors

#	ARTICLE	IF	CITATIONS
1	The polyphenol-rich extract from chokeberry (<i>Aronia melanocarpa</i> L.) modulates gut microbiota and improves lipid metabolism in diet-induced obese rats. <i>Nutrition and Metabolism</i> , 2020, 17, 54.	3.0	47
2	Evaluation of microbial, physicochemical parameters and flavor of blueberry juice after microchip-pulsed electric field. <i>Food Chemistry</i> , 2019, 274, 146-155.	8.2	42
3	Design and Optimization of a Microchip Operating at Low-Voltage Pulsed Electric Field for Juice Sterilization. <i>Food and Bioprocess Technology</i> , 2019, 12, 1696-1707.	4.7	7
4	Identification of spoilage microorganisms in blueberry juice and their inactivation by a microchip pulsed electric field system. <i>Scientific Reports</i> , 2018, 8, 8160.	3.3	8
5	Integrated approach for identifying and evaluating the quality of <i>Marsdenia tenacissima</i> in the medicine market. <i>PLoS ONE</i> , 2018, 13, e0195240.	2.5	11
6	Inactivation of <i>Pichia rhodanensis</i> in relation to membrane and intracellular compounds due to microchip pulsed electric field (MPEF) treatment. <i>PLoS ONE</i> , 2018, 13, e0198467.	2.5	6
7	Design of a treatment chamber for low-voltage pulsed electric field sterilization. <i>Innovative Food Science and Emerging Technologies</i> , 2017, 42, 180-189.	5.6	15
8	Barcode ITS2: a useful tool for identifying <i>Trachelospermum jasminoides</i> and a good monitor for medicine market. <i>Scientific Reports</i> , 2017, 7, 5037.	3.3	27
9	Direct Acylation of Cyanidin-3-Glucoside with Lauric Acid in Blueberry and Its Stability Analysis. <i>International Journal of Food Properties</i> , 2016, 19, 1-12.	3.0	37
10	Influence of Pulsed Electric Field and Thermal Treatments on the Quality of Blueberry Juice. <i>International Journal of Food Properties</i> , 2014, 17, 1419-1427.	3.0	35
11	Protective effect of blueberry anthocyanins in a CCl ₄ -induced injury model in human embryonic liver cells. <i>Food and Agricultural Immunology</i> , 2014, 25, 274-286.	1.4	1
12	Supercritical CO ₂ extraction and pre-column derivatization of polysaccharides from <i>Artemisia sphaerocephala</i> Krasch. seeds via gas chromatography. <i>Industrial Crops and Products</i> , 2014, 60, 138-143.	5.2	38