

Ai-dong Sun

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

274
citations

1163117

8
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1199594

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14
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14
docs citations

14
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 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 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 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |