Ai-Jun Hu

List of Publications by Year in Descending Order

14 papers	312 citations	9 h-index	17 g-index
20 ext. papers	430 ext. citations	4.3 avg, IF	3.5 L-index

#	Paper	IF	Citations
14	Multi-Frequency Ultrasonic Extraction of Anthocyanins from Blueberry Pomace and Evaluation of Its Antioxidant Activity. *Journal of AOAC INTERNATIONAL*, **2021**, 104, 811-817	1.7	4
13	Properties and Structure of Modified Taro Starch: Comparison of Ultrasound and Malic Acid Treatments. *Starch/Staerke*, **2021**, 73, 2000252	2.3	0
12	Effects on the structure and properties of native corn starch modified by enzymatic debranching (ED), microwave assisted esterification with citric acid (MCAE) and by the dual ED/MCAE treatment. *International Journal of Biological Macromolecules*, **2021**, 171, 123-129	7.9	6
11	Effects of annealing time on structure and properties of sweet potato starch. *Cereal Chemistry*, **2020**, 97, 573-580	2.4	6
10	Physicochemical Properties and Structure of Annealed Sweet Potato Starch: Effects of Enzyme and Ultrasound. *Starch/Staerke*, **2020**, 72, 1900247	2.3	2
9	Comparative studies on structure and physiochemical changes of millet starch under microwave and ultrasound at the same power. *International Journal of Biological Macromolecules*, **2019**, 141, 76-84	7.9	20
8	Physicochemical and in vitro digestion of millet starch: Effect of moisture content in microwave. *International Journal of Biological Macromolecules*, **2019**, 134, 308-315	7.9	28
7	Dual-frequency ultrasonic effect on the structure and properties of starch with different size. *LWT - Food Science and Technology*, **2019**, 106, 254-262	5.4	32
6	Ultrasonic frequency effect on corn starch and its cavitation. *LWT - Food Science and Technology*, **2015**, 60, 941-947	5.4	56
5	Different-frequency ultrasonic effects on properties and structure of corn starch. *Journal of the Science of Food and Agriculture*, **2014**, 94, 2929-34	4.3	24
4	Ultrasonically aided enzymatical effects on the properties and structure of mung bean starch. *Innovative Food Science and Emerging Technologies*, **2013**, 20, 146-151	6.8	31
3	Dual-frequency ultrasound effect on structure and properties of sweet potato starch. *Starch/Staerke*, **2013**, 65, 621-627	2.3	74
2	KINETIC MODEL AND TECHNOLOGY OF ULTRASOUND EXTRACTION OF SAFFLOWER SEED OIL. *Journal of Food Process Engineering*, **2012**, 35, 278-294	2.4	16
1	Industrial experiments for the application of ultrasound on scale control in the Chinese sugar industry. *Ultrasonics Sonochemistry*, **2006**, 13, 329-33	8.9	13