Jinwei Wang

List of Publications by Year in Descending Order

12 papers	121 citations	6 h-index	11 g-index
12 ext. papers	177 ext. citations	7.2 avg, IF	3.12 L-index

#	Paper	IF	Citations
12	Green synthesis of acetylated maize starch in different imidazolium carboxylate and choline carboxylate ionic liquids.. *Carbohydrate Polymers*, **2022**, 288, 119353	10.3	1
11	Octenyl Succinate Modification of Starch Enhances the Formation of Starch-Lipid Complexes. *Journal of Agricultural and Food Chemistry*, **2021**,	5.7	3
10	Dissolution of Cellulose in Ionic Liquid-DMSO Mixtures: Roles of DMSO/IL Ratio and the Cation Alkyl Chain Length. *ACS Omega*, **2021**, 6, 27225-27232	3.9	1
9	Structural disorganization of cereal, tuber and bean starches in aqueous ionic liquid at room temperature: Role of starch granule surface structure. *Carbohydrate Polymers*, **2021**, 258, 117677	10.3	6
8	Starch, Treatment, and Modification **2020**, 1-26		0
7	Applications of ionic liquids in starch chemistry: a review. *Green Chemistry*, **2020**, 22, 2162-2183	10	55
6	Starch Modification and Application **2020**, 131-149		
5	Novel Green Synthesis of Octenyl Succinic Anhydride Esters of Granular Starch. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 16503-16514	8.3	5
4	Dissolution Behavior of Maize Starch in Aqueous Ionic Liquids: Effect of Anionic Structure and Water/Ionic Liquid Ratio. *ACS Omega*, **2019**, 4, 14981-14986	3.9	8
3	Dissolution of Maize Starch in Aqueous Ionic Liquids: The Role of Alkyl Chain Length of Cation and Water:Ionic Liquid Ratio. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 6898-6905	8.3	19
2	Effect of CaCl pre-treatment on the succinylation of potato starch. *Food Chemistry*, **2019**, 288, 291-296	8.5	8
1	Toward a Better Understanding of Different Dissolution Behavior of Starches in Aqueous Ionic Liquids at Room Temperature. *ACS Omega*, **2019**, 4, 11312-11319	3.9	15