

Jinwei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

238
citations

1039880

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h-index

1372474

10
g-index

12
all docs

12
docs citations

12
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of ionic liquids in starch chemistry: a review. <i>Green Chemistry</i> , 2020, 22, 2162-2183.	4.6	101
2	Dissolution of Maize Starch in Aqueous Ionic Liquids: The Role of Alkyl Chain Length of Cation and Water:Ionic Liquid Ratio. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6898-6905.	3.2	24
3	Toward a Better Understanding of Different Dissolution Behavior of Starches in Aqueous Ionic Liquids at Room Temperature. <i>ACS Omega</i> , 2019, 4, 11312-11319.	1.6	19
4	Octenyl Succinate Modification of Starch Enhances the Formation of Starch-Lipid Complexes. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 14938-14950.	2.4	18
5	Structural disorganization of cereal, tuber and bean starches in aqueous ionic liquid at room temperature: Role of starch granule surface structure. <i>Carbohydrate Polymers</i> , 2021, 258, 117677.	5.1	14
6	Dissolution Behavior of Maize Starch in Aqueous Ionic Liquids: Effect of Anionic Structure and Water/Ionic Liquid Ratio. <i>ACS Omega</i> , 2019, 4, 14981-14986.	1.6	13
7	Effect of CaCl ₂ pre-treatment on the succinylation of potato starch. <i>Food Chemistry</i> , 2019, 288, 291-296.	4.2	13
8	Green synthesis of acetylated maize starch in different imidazolium carboxylate and choline carboxylate ionic liquids. <i>Carbohydrate Polymers</i> , 2022, 288, 119353.	5.1	12
9	Novel Green Synthesis of Octenyl Succinic Anhydride Esters of Granular Starch. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16503-16514.	3.2	10
10	Dissolution of Cellulose in Ionic Liquid-DMSO Mixtures: Roles of DMSO/IL Ratio and the Cation Alkyl Chain Length. <i>ACS Omega</i> , 2021, 6, 27225-27232.	1.6	10
11	Starch Modification and Application. , 2020, , 131-149.		3