

Li Cheng

List of Publications by Year in descending order

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33
papers

472
citations

623574

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all docs

34
docs citations

34
times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and structural properties of starch phosphate modified by alkaline phosphatase. <i>Carbohydrate Polymers</i> , 2022, 276, 118803.	5.1	16
2	KOH/thiourea aqueous solution: A potential solvent for studying the dissolution mechanism and chain conformation of corn starch. <i>International Journal of Biological Macromolecules</i> , 2022, 195, 86-92.	3.6	3
3	Effects of acid-ethanol hydrolysis and debranch on acetylated starch and its potential used for curcumin carrier. <i>Carbohydrate Polymers</i> , 2022, 279, 119019.	5.1	4
4	Butyl Group Distribution, Intestinal Digestion, and Colonic Fermentation Characteristics of Different Butyrylated Starches. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3289-3299.	2.4	12
5	Structure and Menthone Encapsulation of Corn Starch Modified by Octenyl Succinic Anhydride and Enzymatic Treatment. <i>Journal of Food Quality</i> , 2022, 2022, 1-10.	1.4	7
6	Impact of celluloses and pectins restrictions on gluten development and water distribution in potato-wheat flour dough. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 534-542.	3.6	20
7	Influence of different kinds of fatty acids on the behavior, structure and digestibility of high amylose maize starch-fatty acid complexes. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 5837-5848.	1.7	6
8	Complexation behavior of carboxymethyl short-chain amylose and quaternized chitosan. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1914-1921.	3.6	5
9	Disulfide Bond Engineering for Enhancing the Thermostability of the Maltotetraose-Forming Amylase from <i>Pseudomonas saccharophila</i> STB07. <i>Foods</i> , 2022, 11, 1207.	1.9	8
10	Theoretical study of the influence of doped niobium on the electronic properties of CsPbBr ₃ . <i>Nanoscale Advances</i> , 2021, 3, 1910-1916.	2.2	1
11	Maltose binding site 2 mutations affect product inhibition of <i>Bacillus circulans</i> STB01 cyclodextrin glycosyltransferase. <i>International Journal of Biological Macromolecules</i> , 2021, 175, 254-261.	3.6	4
12	Preparation and stability mechanisms of double emulsions stabilized by gelatinized native starch. <i>Carbohydrate Polymers</i> , 2021, 262, 117926.	5.1	30
13	Effect of cassava starch structure on scalding of dough and baking expansion ability. <i>Food Chemistry</i> , 2021, 352, 129350.	4.2	15
14	Preparation and characterization of octenyl succinic anhydride modified waxy maize starch hydrolyzate/chitosan complexes with enhanced interfacial properties. <i>Carbohydrate Polymers</i> , 2021, 267, 118228.	5.1	16
15	Characterization the structural property and degradation behavior of corn starch in KOH/thiourea aqueous solution. <i>Carbohydrate Polymers</i> , 2021, 270, 118363.	5.1	14
16	Comparison of bioaccessibility of astaxanthin encapsulated in starch-based double emulsion with different structures. <i>Carbohydrate Polymers</i> , 2021, 272, 118475.	5.1	25
17	A temperature-mediated two-step saccharification process enhances maltose yield from high-concentration maltodextrin solutions. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3742-3748.	1.7	5
18	A 3-dimensional stationary cascade gamma-ray coincidence imager. <i>Physics in Medicine and Biology</i> , 2021, 66, 225001.	1.6	6

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19	Combinatorial effect of fermentation and drying on the relationship between the structure and expansion properties of tapioca starch and potato starch. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 965-973.	3.6	21
20	Effect of increased pressure on the coated layer profile of steamed rice. <i>Food Chemistry</i> , 2020, 310, 125971.	4.2	7
21	Maximum likelihood activity and attenuation estimation using both emission and transmission data with application to utilization of Luâ€¹76 background radiation in TOF PET. <i>Medical Physics</i> , 2020, 47, 1067-1082.	1.6	4
22	Stabilization of Pickering emulsions using starch nanocrystals treated with alkaline solution. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 273-285.	3.6	33
23	An MLEM Reconstruction Method with Mixed Events Based on a Cascade Gamma Emission Imager System. , 2020, , .		1
24	Chitosan coating of zein-carboxymethylated short-chain amylose nanocomposites improves oral bioavailability of insulin in vitro and in vivo. <i>Journal of Controlled Release</i> , 2019, 313, 1-13.	4.8	63
25	Terpenoids from <i>Vitex trifolia</i> and their anti-inflammatory activities. <i>Journal of Natural Medicines</i> , 2018, 72, 570-575.	1.1	10
26	Physapubescin, a natural withanolide as a kidney-type glutaminase (KGA) inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1243-1246.	1.0	22
27	Investigations of indoor air quality of large department store buildings in China based on field measurements. <i>Building and Environment</i> , 2017, 118, 128-143.	3.0	24
28	Intraperitoneal injection of IL-4/IFN-Î³ modulates the proportions of microglial phenotypes and improves epilepsy outcomes in a pilocarpine model of acquired epilepsy. <i>Brain Research</i> , 2017, 1657, 120-129.	1.1	26
29	Optimized Ventilation Control for IAQ in Partial Renovation and Non-Renovated Commercial Buildings during the Summer Period in Chongqing, South West China. <i>International Journal of Ventilation</i> , 2015, 14, 219-230.	0.2	3
30	Daily prednisone treatment in duchenne muscular dystrophy in southwest china. <i>Muscle and Nerve</i> , 2015, 52, 1001-1007.	1.0	9
31	Water proof and strength retention properties of thermoplastic starch based biocomposites modified with glutaraldehyde. <i>Carbohydrate Polymers</i> , 2015, 127, 135-144.	5.1	19
32	Alterations in hippocampal myelin and oligodendrocyte precursor cells during epileptogenesis. <i>Brain Research</i> , 2015, 1627, 154-164.	1.1	31
33	Dedicated brain PET system of PET/MR for brain research. <i>EJNMMI Physics</i> , 2015, 2, A63.	1.3	2