

Xiaoli Shu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6306909/publications.pdf>

Version: 2024-02-01

32
papers

834
citations

516215

16
h-index

500791

28
g-index

33
all docs

33
docs citations

33
times ranked

1011
citing authors

#	ARTICLE	IF	CITATIONS
1	The physiochemical and nutritional properties of high endosperm lipids rice mutants under artificially accelerated ageing. <i>LWT - Food Science and Technology</i> , 2022, 154, 112730.	2.5	8
2	Germinated high-amylose resistant starch rice: A potential novel functional food. <i>International Journal of Food Science and Technology</i> , 2022, 57, 5439-5449.	1.3	5
3	Combination of High Zn Density and Low Phytic Acid for Improving Zn Bioavailability in Rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT /Overl	1.7	14
4	Physicochemical characterizations of starches isolated from <i>Tetrastigma hemsleyanum</i> Diels et Gilg. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1540-1547.	3.6	8
5	Assessment of genetic diversity and variety identification based on developed retrotransposon-based insertion polymorphism (RBIP) markers in sweet potato (<i>Ipomoea batatas</i> (L.) Lam.). <i>Scientific Reports</i> , 2021, 11, 17116.	1.6	9
6	A Critical Review on Communication Mechanism within Plant-Endophytic Fungi Interactions to Cope with Biotic and Abiotic Stresses. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 719.	1.5	85
7	Chemical characterization, antioxidant properties and anticancer activity of exopolysaccharides from <i>Floccularia luteovirens</i> . <i>Carbohydrate Polymers</i> , 2020, 229, 115432.	5.1	34
8	MOS1 Negatively Regulates Sugar Responses and Anthocyanin Biosynthesis in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 7095.	1.8	3
9	Identifying genes for resistant starch, slowly digestible starch, and rapidly digestible starch in rice using genome-wide association studies. <i>Genes and Genomics</i> , 2020, 42, 1227-1238.	0.5	11
10	The effects of internal endosperm lipids on starch properties: Evidence from rice mutant starches. <i>Journal of Cereal Science</i> , 2019, 89, 102804.	1.8	24
11	High-throughput method for preliminary screening of high dietary fiber rice. <i>Food Chemistry</i> , 2019, 300, 125192.	4.2	2
12	A novel starch: Characterizations of starches separated from tea (<i>Camellia sinensis</i> (L.) O. Ktze) seed. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 1085-1091.	3.6	5
13	A Trypsin Family Protein Gene Controls Tillering and Leaf Shape in Barley. <i>Plant Physiology</i> , 2019, 181, 701-713.	2.3	17
14	Endogenous rice endosperm hemicellulose slows <i>in vitro</i> starch digestibility. <i>International Journal of Food Science and Technology</i> , 2019, 54, 734-743.	1.3	11
15	Physicochemical properties of hydroxypropylated and cross-linked rice starches differential in amylose content. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 775-781.	3.6	48
16	Dependence of physiochemical, functional and textural properties of high-amylose resistant starch rice on endogenous nonstarch polysaccharides. <i>International Journal of Food Science and Technology</i> , 2018, 53, 1079-1086.	1.3	18
17	<i>MOS1</i> functions closely with <i>TCP</i> transcription factors to modulate immunity and cell cycle in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2018, 93, 66-78.	2.8	42
18	Genetic differentiation and diversity upon genotype and phenotype in cowpea (<i>Vigna unguiculata</i> L.) Tj ETQq0 0 0 rgBT /Overl	0.6	13

#	ARTICLE	IF	CITATIONS
19	Metabolite Profiling of a Zinc-Accumulating Rice Mutant. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3775-3782.	2.4	5
20	Critical roles of soluble starch synthase SSIIIa and granule-bound starch synthase Waxy in synthesizing resistant starch in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12844-12849.	3.3	154
21	Characterisation of starch during germination and seedling development of a rice mutant with a high content of resistant starch. <i>Journal of Cereal Science</i> , 2015, 62, 94-101.	1.8	31
22	Characterization and comparative profiling of the small RNA transcriptomes in two phases of flowering in <i>Cymbidium ensifolium</i> . <i>BMC Genomics</i> , 2015, 16, 622.	1.2	22
23	Quantification of amylose, amylopectin, and α -D-glucan in search for genes controlling the three major quality traits in barley by genome-wide association studies. <i>Frontiers in Plant Science</i> , 2014, 5, 197.	1.7	45
24	Combination of seedling and adult plant resistance to leaf scald for stable resistance in barley. <i>Molecular Breeding</i> , 2014, 34, 2081-2089.	1.0	14
25	Development of <i>Cymbidium ensifolium</i> genic-SSR markers and their utility in genetic diversity and population structure analysis in cymbidiums. <i>BMC Genetics</i> , 2014, 15, 124.	2.7	25
26	Effects of grain development on formation of resistant starch in rice. <i>Food Chemistry</i> , 2014, 164, 89-97.	4.2	28
27	Sequence variation and haplotypes of lipoxygenase gene LOX-1 in the Australian barley varieties. <i>BMC Genetics</i> , 2014, 15, 36.	2.7	4
28	Effects of gamma irradiation on starch digestibility of rice with different resistant starch content. <i>International Journal of Food Science and Technology</i> , 2013, 48, 35-43.	1.3	16
29	Slow Digestion Properties of Rice Different in Resistant Starch. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 7552-7559.	2.4	58
30	The Influences of Chain Length of Amylopectin on Resistant Starch in Rice (<i>Oryza sativa</i>) Tj ETQq0 0,0 rgBT /Overlock 10	1.1	45
31	Starch Structure and Digestibility of Rice High in Resistant Starch. <i>Starch/Staerke</i> , 2006, 58, 411-417.	1.1	30
32	Improving Hydrophilicity of Wheat Starch via Sodium Dodecyl Sulfate Treatment. <i>Starch/Staerke</i> , 0, , 2200002.	1.1	0