

# Chuan Tong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7843059/publications.pdf>

Version: 2024-02-01

28  
papers

932  
citations

394421

19  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

963  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association Mapping of Quantitative Trait Loci for Mineral Element Contents in Whole Grain Rice ( <i>Oryza sativa</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10885-10892.	5.2	109
2	Genetic diversity of amylose content and RVA pasting parameters in 20 rice accessions grown in Hainan, China. <i>Food Chemistry</i> , 2014, 161, 239-245.	8.2	69
3	Bacterial community diversity of traditional fermented vegetables in China. <i>LWT - Food Science and Technology</i> , 2017, 86, 40-48.	5.2	67
4	Impact of Postharvest Operations on Rice Grain Quality: A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 626-640.	11.7	64
5	Association mapping of starch physicochemical properties with starch synthesis-related gene markers in nonwaxy rice ( <i>Oryza sativa</i> L.). <i>Molecular Breeding</i> , 2014, 34, 1747-1763.	2.1	60
6	Variation in mineral elements in grains of 20 brown rice accessions in two environments. <i>Food Chemistry</i> , 2016, 192, 873-878.	8.2	59
7	Rapid Identification of Major QTLs Associated with Rice Grain Weight and Their Utilization. <i>PLoS ONE</i> , 2015, 10, e0122206.	2.5	56
8	Determination of Starch Lysophospholipids in Rice Using Liquid Chromatography–Mass Spectrometry (LC-MS). <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6600-6607.	5.2	53
9	Genetic diversity of potato genotypes estimated by starch physicochemical properties and microsatellite markers. <i>Food Chemistry</i> , 2018, 257, 368-375.	8.2	41
10	Effects of salicylic acid treatment on fruit quality and wax composition of blueberry ( <i>Vaccinium</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	8.2	40
11	Association Mapping of Starch Physicochemical Properties with Starch Biosynthesizing Genes in Waxy Rice ( <i>Oryza sativa</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10110-10117.	5.2	37
12	Fine structure and gelatinization and pasting properties relationships among starches from pigmented potatoes. <i>Food Hydrocolloids</i> , 2018, 83, 45-52.	10.7	37
13	Genotype × Environment Interactions for Agronomic Traits of Rice Revealed by Association Mapping. <i>Rice Science</i> , 2014, 21, 133-141.	3.9	27
14	Analysis of Genotype × Environment Interactions for Polyphenols and Antioxidant Capacity of Rice by Association Mapping. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5361-5368.	5.2	26
15	QTL mapping for rice grain quality: a strategy to detect more QTLs within sub-populations. <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	25
16	Fine structure and relationships with functional properties of pigmented sweet potato starches. <i>Food Chemistry</i> , 2020, 311, 126011.	8.2	23
17	Effects of negative air ions treatment on the quality of fresh shiitake mushroom ( <i>Lentinus edodes</i> ) during storage. <i>Food Chemistry</i> , 2022, 371, 131200.	8.2	21
18	Biodegradable phase change materials with high latent heat: Preparation and application on <i>Lentinus edodes</i> storage. <i>Food Chemistry</i> , 2021, 364, 130391.	8.2	21

#	ARTICLE	IF	CITATIONS
19	The contribution of lysophospholipids to pasting and thermal properties of nonwaxy rice starch. <i>Carbohydrate Polymers</i> , 2015, 133, 187-193.	10.2	20
20	Genotypic Variation in Lysophospholipids of Milled Rice. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9353-9361.	5.2	17
21	Rice lipids and rice bran oil. , 2019, , 131-168.		16
22	Association mapping of quantitative trait loci for yield-related agronomic traits in rice ( <i>Oryza sativa</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.5	12
23	Analysis of Lysophospholipid Content in Low Phytate Rice Mutants. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5435-5441.	5.2	12
24	Association Mapping and Marker Development of Genes for Starch Lysophospholipid Synthesis in Rice. <i>Rice Science</i> , 2016, 23, 287-296.	3.9	7
25	Accumulation of phytate and starch lysophospholipids in rice grains and responses to alterations in P supply or source-sink relations. <i>Journal of Cereal Science</i> , 2020, 91, 102896.	3.7	6
26	Preparation of modified polyvinyl formal vibration damping material and its application in strawberry. <i>Journal of Food Biochemistry</i> , 2021, 45, e13647.	2.9	6
27	Physicochemical, Nutritional, and Antioxidant Properties in Seven Sweet Potato Flours. <i>Frontiers in Nutrition</i> , 0, 9, .	3.7	1
28	Agronomic and environmental factors affecting rice grain quality. <i>Burleigh Dodds Series in Agricultural Science</i> , 2017, , 253-270.	0.2	0