

Hong-Wei Xiao

List of Publications by Year in descending order

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134
papers

5,631
citations

61945

43
h-index

95218

68
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135
all docs

135
docs citations

135
times ranked

2625
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical and physical pretreatments of fruits and vegetables: Effects on drying characteristics and quality attributes – a comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 1408-1432.	5.4	264
2	Recent developments and trends in thermal blanching – A comprehensive review. <i>Information Processing in Agriculture</i> , 2017, 4, 101-127.	2.9	226
3	Drying kinetics and quality of Monukka seedless grapes dried in an air-impingement jet dryer. <i>Biosystems Engineering</i> , 2010, 105, 233-240.	1.9	190
4	Pulsed vacuum drying enhances drying kinetics and quality of lemon slices. <i>Journal of Food Engineering</i> , 2018, 224, 129-138.	2.7	176
5	Red pepper (<i>Capsicum annuum</i> L.) drying: Effects of different drying methods on drying kinetics, physicochemical properties, antioxidant capacity, and microstructure. <i>Drying Technology</i> , 2018, 36, 893-907.	1.7	168
6	Effects of various blanching methods on weight loss, enzymes inactivation, phytochemical contents, antioxidant capacity, ultrastructure and drying kinetics of red bell pepper (<i>Capsicum annuum</i> L.). <i>LWT - Food Science and Technology</i> , 2017, 77, 337-347.	2.5	154
7	Novel high-humidity hot air impingement blanching (HHAIB) pretreatment enhances drying kinetics and color attributes of seedless grapes. <i>Innovative Food Science and Emerging Technologies</i> , 2013, 20, 230-237.	2.7	135
8	Effect of high-humidity hot air impingement blanching (HHAIB) on drying and quality of red pepper (<i>Capsicum annuum</i> L.). <i>Food Chemistry</i> , 2017, 220, 145-152.	4.2	132
9	Emerging chemical and physical disinfection technologies of fruits and vegetables: a comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 2481-2508.	5.4	131
10	Cold plasma pretreatment enhances drying kinetics and quality attributes of chili pepper (<i>Capsicum</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	2.7	130
11	Color Change Kinetics of American Ginseng (<i>Panax quinquefolium</i>) Slices During Air Impingement Drying. <i>Drying Technology</i> , 2014, 32, 418-427.	1.7	127
12	EFFECT OF SSB (SUPERHEATED STEAM BLANCHING) TIME AND DRYING TEMPERATURE ON HOT AIR IMPINGEMENT DRYING KINETICS AND QUALITY ATTRIBUTES OF YAM SLICES. <i>Journal of Food Process Engineering</i> , 2012, 35, 370-390.	1.5	124
13	Far-infrared radiation heating assisted pulsed vacuum drying (FIR-PVD) of wolfberry (<i>Lycium barbarum</i>) <i>Tj ETQq1 1 0.784314 rgBT /O</i> 320-331.	1.8	121
14	High-humidity hot air impingement blanching (HHAIB) enhances drying quality of apricots by inactivating the enzymes, reducing drying time and altering cellular structure. <i>Food Control</i> , 2019, 96, 104-111.	2.8	99
15	The application of superheated steam impingement blanching (SSIB) in agricultural products processing – A review. <i>Journal of Food Engineering</i> , 2014, 132, 39-47.	2.7	92
16	Drying characteristics and modeling of yam slices under different relative humidity conditions. <i>Drying Technology</i> , 2016, 34, 296-306.	1.7	89
17	High-humidity hot air impingement blanching alters texture, cell-wall polysaccharides, water status and distribution of seedless grape. <i>Carbohydrate Polymers</i> , 2018, 194, 9-17.	5.1	85
18	Effects of vacuum-steam pulsed blanching on drying kinetics, colour, phytochemical contents, antioxidant capacity of carrot and the mechanism of carrot quality changes revealed by texture, microstructure and ultrastructure. <i>Food Chemistry</i> , 2021, 338, 127799.	4.2	85

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19	High humidity hot air impingement blanching (HHAIB) enhances drying rate and softens texture of apricot via cell wall pectin polysaccharides degradation and ultrastructure modification. <i>Food Chemistry</i> , 2018, 261, 292-300.	4.2	84
20	Effects of postharvest ripening on physicochemical properties, microstructure, cell wall polysaccharides contents (pectin, hemicellulose, cellulose) and nanostructure of kiwifruit (<i>Actinidia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.5	61
21	Process-Based Drying Temperature and Humidity Integration Control Enhances Drying Kinetics of Apricot Halves. <i>Drying Technology</i> , 2015, 33, 365-376.	1.7	78
22	Pulsed vacuum drying of Thompson seedless grape: Effects of berry ripeness on physicochemical properties and drying characteristic. <i>Food and Bioproducts Processing</i> , 2017, 106, 117-126.	1.8	77
23	Thin-layer air impingement drying enhances drying rate of American ginseng (<i>Panax quinquefolium</i> L.) slices with quality attributes considered. <i>Food and Bioproducts Processing</i> , 2015, 94, 581-591.	1.8	75
24	Evolution and modeling of colour changes of red pepper (<i>Capsicum Annum</i> L.) during hot air drying. <i>Journal of Food Engineering</i> , 2018, 231, 101-108.	2.7	74
25	Effects of ripening stage on physicochemical properties, drying kinetics, pectin polysaccharides contents and nanostructure of apricots. <i>Carbohydrate Polymers</i> , 2019, 222, 114980.	5.1	73
26	Ultrasound Pretreatment to Enhance Drying Kinetics of Kiwifruit (<i>Actinidia deliciosa</i>) Slices: Pros and Cons. <i>Food and Bioprocess Technology</i> , 2019, 12, 865-876.	2.6	73
27	Effects of high-humidity hot air impingement blanching (HHAIB) pretreatment on the change of antioxidant capacity, the degradation kinetics of red pigment, ascorbic acid in dehydrated red peppers during storage. <i>Food Chemistry</i> , 2018, 259, 65-72.	4.2	70
28	Cold plasma enhances drying and color, rehydration ratio and polyphenols of wolfberry via microstructure and ultrastructure alteration. <i>LWT - Food Science and Technology</i> , 2020, 134, 110173.	2.5	66
29	Effect of high-humidity hot air impingement blanching (HHAIB) and drying parameters on drying characteristics and quality of broccoli florets. <i>Drying Technology</i> , 2019, 37, 1251-1264.	1.7	65
30	Pulsed vacuum drying of Chinese ginger (<i>Zingiber officinale</i> Roscoe) slices: Effects on drying characteristics, rehydration ratio, water holding capacity, and microstructure. <i>Drying Technology</i> , 2019, 37, 301-311.	1.7	63
31	Recent advances in non-thermal decontamination technologies for microorganisms and mycotoxins in low-moisture foods. <i>Trends in Food Science and Technology</i> , 2020, 106, 104-112.	7.8	62
32	Polyphenol oxidase inactivation and vitamin C degradation kinetics of Fuji apple quarters by high humidity air impingement blanching. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1135-1141.	1.3	56
33	Effect of drying air temperature on drying kinetics, color, carotenoid content, antioxidant capacity and oxidation of fat for lotus pollen. <i>Drying Technology</i> , 2020, 38, 1151-1164.	1.7	56
34	State diagram for freeze-dried mango: Freezing curve, glass transition line and maximal-freeze-concentration condition. <i>Journal of Food Engineering</i> , 2015, 157, 49-56.	2.7	55
35	Drying kinetics and evolution of the sample's core temperature and moisture distribution of yam slices (<i>Dioscorea alata</i> L.) during convective hot-air drying. <i>Drying Technology</i> , 2016, 34, 1297-1306.	1.7	55
36	Effects of different drying methods on drying kinetics, physicochemical properties, microstructure, and energy consumption of potato (<i>Solanum tuberosum</i> L.) cubes. <i>Drying Technology</i> , 2021, 39, 418-431.	1.7	55

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37	Energy efficient improvements in hot air drying by controlling relative humidity based on Weibull and Bi-Di models. <i>Food and Bioproducts Processing</i> , 2018, 111, 20-29.	1.8	54
38	Review of recent applications and research progress in hybrid and combined microwave-assisted drying of food products: Quality properties. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 2212-2264.	5.4	54
39	Osmotic dehydration pretreatment for improving the quality attributes of frozen mango: effects of different osmotic solutes and concentrations on the samples. <i>International Journal of Food Science and Technology</i> , 2014, 49, 960-968.	1.3	53
40	Hot air impingement drying kinetics and quality attributes of orange peel. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14294.	0.9	51
41	Multistage relative humidity control strategy enhances energy and exergy efficiency of convective drying of carrot cubes. <i>International Journal of Heat and Mass Transfer</i> , 2020, 149, 119231.	2.5	50
42	Pulsed vacuum drying of rhizoma dioscoreae slices. <i>LWT - Food Science and Technology</i> , 2017, 80, 237-249.	2.5	49
43	Pulsed vacuum drying (PVD) of wolfberry: Drying kinetics and quality attributes. <i>Drying Technology</i> , 2018, 36, 1501-1514.	1.7	49
44	Importance of drying in support of human welfare. <i>Drying Technology</i> , 2020, 38, 1542-1543.	1.7	49
45	Prediction of energy and exergy of mushroom slices drying in hot air impingement dryer by artificial neural network. <i>Drying Technology</i> , 2020, 38, 1959-1970.	1.7	48
46	Improvement of drying efficiency and quality attributes of blueberries using innovative far-infrared radiation heating assisted pulsed vacuum drying (FIR-PVD). <i>Innovative Food Science and Emerging Technologies</i> , 2022, 77, 102948.	2.7	48
47	Pulsed vacuum drying of wolfberry: Effects of infrared radiation heating and electronic panel contact heating methods on drying kinetics, color profile, and volatile compounds. <i>Drying Technology</i> , 2017, 35, 1312-1326.	1.7	42
48	Artificial Neural Network Modeling of Drying Kinetics and Color Changes of Ginkgo Biloba Seeds during Microwave Drying Process. <i>Journal of Food Quality</i> , 2018, 2018, 1-8.	1.4	41
49	Effects of Different Pretreatments on Drying Kinetics and Quality of Sweet Potato Bars Undergoing Air Impingement Drying. <i>International Journal of Food Engineering</i> , 2009, 5, .	0.7	38
50	Hot-air Drying Kinetics of Yam Slices under Step Change in Relative Humidity. <i>International Journal of Food Engineering</i> , 2016, 12, 783-792.	0.7	37
51	AIR IMPINGEMENT DRYING CHARACTERISTICS AND QUALITY OF CARROT CUBES. <i>Journal of Food Process Engineering</i> , 2010, 33, 899-918.	1.5	35
52	Pulsed vacuum drying enhances drying of blueberry by altering micro-, ultrastructure and water status and distribution. <i>LWT - Food Science and Technology</i> , 2021, 142, 111013.	2.5	35
53	Pulsed vacuum drying (PVD) technology improves drying efficiency and quality of <i>Poria</i> cubes. <i>Drying Technology</i> , 2018, 36, 908-921.	1.7	33
54	Changes in the vitamin C content of mango with water state and ice crystals under state/phase transitions during frozen storage. <i>Journal of Food Engineering</i> , 2018, 222, 49-53.	2.7	33

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55	Color prediction of mushroom slices during drying using Bayesian extreme learning machine. <i>Drying Technology</i> , 2020, 38, 1869-1881.	1.7	33
56	High-humidity hot air impingement blanching (HHAIB) efficiently inactivates enzymes, enhances extraction of phytochemicals and mitigates brown actions of chili pepper. <i>Food Control</i> , 2020, 111, 107050.	2.8	33
57	Combined Hot Air and Microwave-Vacuum Drying of Cranberries: Effects of Pretreatments and Pulsed Vacuum Osmotic Dehydration on Drying Kinetics and Physicochemical Properties. <i>Food and Bioprocess Technology</i> , 2020, 13, 1848-1856.	2.6	32
58	Step-down relative humidity convective air drying strategy to enhance drying kinetics, efficiency, and quality of American ginseng root (<i>Panax quinquefolium</i>). <i>Drying Technology</i> , 2020, 38, 903-916.	1.7	31
59	Postharvest Processing and Storage Methods for <i>Camellia oleifera</i> Seeds. <i>Food Reviews International</i> , 2020, 36, 319-339.	4.3	31
60	Effects of state/phase transitions on the quality attributes of mango (<i>Mangifera indica</i> L.) during frozen storage. <i>International Journal of Food Science and Technology</i> , 2017, 52, 239-246.	1.3	29
61	Pulsed vacuum drying of kiwifruit slices and drying process optimization based on artificial neural network. <i>Drying Technology</i> , 2021, 39, 405-417.	1.7	28
62	Effect of drying method and cultivar on sensory attributes, textural profiles, and volatile characteristics of grape raisins. <i>Drying Technology</i> , 2021, 39, 495-506.	1.7	28
63	Enhanced mass transfer of osmotic dehydration and changes in microstructure of pickled salted egg under pulsed pressure. <i>Journal of Food Engineering</i> , 2013, 117, 141-150.	2.7	27
64	Thermal Decontamination Technologies for Microorganisms and Mycotoxins in Low-Moisture Foods. <i>Annual Review of Food Science and Technology</i> , 2021, 12, 287-305.	5.1	27
65	Effect of ventilated solar-geothermal drying on 3E (exergy, energy, and economic analysis), and quality attributes of tomato paste. <i>Energy</i> , 2022, 243, 122764.	4.5	27
66	Vacuum-steam pulsed blanching (VSPB) softens texture and enhances drying rate of carrot by altering cellular structure, pectin polysaccharides and water state. <i>Innovative Food Science and Emerging Technologies</i> , 2021, 74, 102801.	2.7	26
67	Design and performance evaluation of a pilot-scale pulsed vacuum infrared drying (PVID) system for drying of berries. <i>Drying Technology</i> , 2020, 38, 1340-1355.	1.7	25
68	Effects of various storage conditions on total phenolic, carotenoids, antioxidant capacity, and color of dried apricots. <i>Food Control</i> , 2022, 136, 108846.	2.8	24
69	Effects of different osmo-dehydrofreezing treatments on the volatile compounds, phenolic compounds and physicochemical properties in mango (<i>Mangifera indica</i> L.). <i>International Journal of Food Science and Technology</i> , 2016, 51, 1441-1448.	1.3	23
70	Effect of high-humidity hot air impingement blanching and pulsed vacuum drying on phytochemicals content, antioxidant capacity, rehydration kinetics and ultrastructure of Thompson seedless grape. <i>Drying Technology</i> , 2022, 40, 1013-1026.	1.7	23
71	Effects of postharvest ripening on water status and distribution, drying characteristics, volatile profiles, phytochemical contents, antioxidant capacity and microstructure of kiwifruit (<i>Actinidia</i>) Tj ETQq1 1 0.784314 rgBT /Doverlock	2.1	23
72	Microwave-vacuum-assisted drying of pretreated cranberries: Drying kinetics, bioactive compounds and antioxidant activity. <i>LWT - Food Science and Technology</i> , 2021, 146, 111464.	2.5	21

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73	Moisturizing strategy for enhanced convective drying of mushroom slices. <i>Renewable Energy</i> , 2021, 172, 728-739.	4.3	21
74	Drying characteristics and modeling of apple slices during microwave intermittent drying. <i>Journal of Food Process Engineering</i> , 2019, 42, e13212.	1.5	19
75	Air-impingement De-shelling of Chestnuts (<i>C. mollissima</i>): Process Parameter Optimization. <i>International Journal of Food Engineering</i> , 2008, 4, .	0.7	18
76	Glass transition and state diagram for freeze-dried <i>Lentinus edodes</i> mushroom. <i>Thermochimica Acta</i> , 2016, 637, 82-89.	1.2	18
77	Effect of osmotic dehydration pretreatment and glassy state storage on the quality attributes of frozen mangoes under long-term storage. <i>Journal of Food Science and Technology</i> , 2017, 54, 1527-1537.	1.4	18
78	Pesticide residue elimination for fruits and vegetables: the mechanisms, applications, and future trends of thermal and non-thermal technologies. <i>Journal of Future Foods</i> , 2022, 2, 223-240.	2.0	18
79	Effect of pulsed vacuum drying on drying kinetics and quality of roots of <i>Panax notoginseng</i> (Burk.) F. H. Chen (Araliaceae). <i>Drying Technology</i> , 2021, 39, 2234-2251.	1.7	17
80	Effects of high-humidity hot air impingement steaming on <i>Gastrodia elata</i> : steaming degree, weight loss, texture, drying kinetics, microstructure and active components. <i>Food and Bioproducts Processing</i> , 2021, 127, 255-265.	1.8	17
81	The influence mechanism and control strategy of relative humidity on hot air drying of fruits and vegetables: a review. <i>Drying Technology</i> , 2022, 40, 2217-2234.	1.7	17
82	Vacuum-steam pulsed blanching (VSPB) enhances drying quality, shortens the drying time of gingers by inactivating enzymes, altering texture, microstructure and ultrastructure. <i>LWT - Food Science and Technology</i> , 2022, 154, 112714.	2.5	17
83	Pulsed pressure pickling enhances acetic acid transfer, thiosulfinates degradation, color and ultrastructure changes of <i>Laba</i> garlic. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 65, 102438.	2.7	16
84	Pulsed Vacuum Drying of Pepper (<i>Capsicum annum</i> L.): Effect of High-Humidity Hot Air Impingement Blanching Pretreatment on Drying Kinetics and Quality Attributes. <i>Foods</i> , 2022, 11, 318.	1.9	16
85	Structural Morphology and Rheological Properties of Pectin Fractions Extracted from Okra Pods Subjected to Cold Plasma Treatment. <i>Food and Bioprocess Technology</i> , 2022, 15, 1168-1181.	2.6	16
86	Grape Drying: Current Status and Future Trends. , 0, , .		15
87	Effect of osmotic dehydration on desorption isotherms and glass transition temperatures of mango. <i>International Journal of Food Science and Technology</i> , 2018, 53, 2602-2609.	1.3	15
88	Prediction of size and mass of pistachio kernels using random Forest machine learning. <i>Journal of Food Process Engineering</i> , 2020, 43, e13473.	1.5	15
89	Short- and Medium-Wave Infrared Drying of Cantaloupe (<i>Cucumis melon</i> L.) Slices: Drying Kinetics and Process Parameter Optimization. <i>Processes</i> , 2022, 10, 114.	1.3	15
90	Pulsed vacuum drying of banana: Effects of ripeness on drying kinetics and physicochemical properties and related mechanism. <i>LWT - Food Science and Technology</i> , 2022, 161, 113362.	2.5	14

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91	Experimental and simulation studies of heat transfer in high-humidity hot air impingement blanching (HHAIB) of carrot. <i>Food and Bioprocess Technology</i> , 2019, 114, 196-204.	1.8	13
92	Vacuum-steam pulsed blanching (VSPB): An emerging blanching technology for beetroot. <i>LWT - Food Science and Technology</i> , 2021, 147, 111532.	2.5	13
93	Superheated steam processing: An emerging technology to improve food quality and safety. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 8720-8736.	5.4	13
94	Improvement of Pacific White Shrimp (<i>Litopenaeus vannamei</i>) Drying Characteristics and Quality Attributes by a Combination of Salting Pretreatment and Microwave. <i>Foods</i> , 2022, 11, 2066.	1.9	13
95	The Application of Scanning Electron Microscope (SEM) to Study the Microstructure Changes in the Field of Agricultural Products Drying. , 0, .		12
96	Classification of first quality fancy cashew kernels using four deep convolutional neural network models. <i>Journal of Food Process Engineering</i> , 2020, 43, e13552.	1.5	12
97	Effects of drying temperature on the drying characteristics and volatile profiles of <i>Citrus reticulata</i> Blanco peels under two stages of maturity. <i>Drying Technology</i> , 2022, 40, 2456-2469.	1.7	12
98	Guest Editorial: Some Mitigation Strategies for Climate Change. <i>Drying Technology</i> , 2015, 33, 1679-1680.	1.7	11
99	Evaluation of storage stability of dried cranberry powders based on the moisture sorption isotherms and glass transition temperatures. <i>Drying Technology</i> , 2020, , 1-11.	1.7	11
100	Effect of vacuum-steam pulsed blanching (VSPB) on drying characteristics and quality properties of garlic slices. <i>Drying Technology</i> , 2022, 40, 1232-1246.	1.7	11
101	Peanut drying: Effects of various drying methods on drying kinetic models, physicochemical properties, germination characteristics, and microstructure. <i>Information Processing in Agriculture</i> , 2023, 10, 447-458.	2.9	11
102	Microwave-assisted hot air convective drying of whole cranberries subjected to various initial treatments. <i>LWT - Food Science and Technology</i> , 2020, 133, 109906.	2.5	10
103	Pulsed pressure enhances osmotic dehydration and subsequent hot air drying kinetics and quality attributes of red beetroot. <i>Drying Technology</i> , 2023, 41, 262-276.	1.7	10
104	Characterization of volatile compounds and microstructure in different tissues of 'Eureka'™ lemon (<i>Citrus aurantium</i>). <i>Journal of Food Science</i> , 2013, 94, 1000-1006.	1.3	10
105	Modification of the cell wall polysaccharides and phytochemicals of okra pods by cold plasma treatment. <i>Food Hydrocolloids</i> , 2022, 131, 107763.	5.6	10
106	International Council for Science responds. <i>Nature</i> , 2015, 517, 145-145.	13.7	8
107	The effect of high humidity hot air impingement blanching on the changes in molecular and rheological characteristics of pectin fractions extracted from okra pods. <i>Food Hydrocolloids</i> , 2022, 123, 107199.	5.6	8
108	An emerging pretreatment technology for reducing postharvest loss of vegetables-a case study of red pepper (<i>Capsicum annuum</i> L.) drying. <i>Drying Technology</i> , 2022, 40, 1620-1628.	1.7	8

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109	Pollution: Uncouple from economy boom. <i>Nature</i> , 2015, 517, 145-145.	13.7	7
110	Effects of solar drying operation equipped with a finned and double-pass heat collector on energy utilization, essential oil extraction and bio-active compounds of peppermint (<i>Mentha Piperita</i>) Tj ETQq0 0 0 igBT /Overclock 10 Tf	1.5	7
111	Quality changes of frozen mango with regard to water mobility and ice crystals during frozen storage. <i>Journal of Food Process Engineering</i> , 2020, 43, e13508.	1.5	7
112	Energy, environmental, economic, and color analysis of geo-exchange energy assisted-insulated north wall solar dryer for onion slices under relatively cloudy and rainy conditions. <i>Solar Energy</i> , 2022, 236, 1-16.	2.9	7
113	Conventional and novel peeling methods for fruits and vegetables: A review. <i>Innovative Food Science and Emerging Technologies</i> , 2022, 77, 102961.	2.7	7
114	Pulsed vacuum pickling (PVP) of garlic cloves: Mass transfer kinetics and quality attributes. <i>Drying Technology</i> , 2020, 38, 712-723.	1.7	6
115	Quantitative characterization and effective inactivation of biological hazards in struvite recovered from digested poultry slurry. <i>Water Research</i> , 2021, 204, 117659.	5.3	6
116	High-humidity hot air impingement blanching (HHAIB): An emerging technology for tomato peeling. <i>Innovative Food Science and Emerging Technologies</i> , 2022, 77, 102987.	2.7	6
117	Effect of hot air impingement drying on drying behavior, volatile components profile, shell burst ratio, flavonoid contents, microstructure of <i>Amomum villosum</i> fruits. <i>Drying Technology</i> , 2023, 41, 107-121.	1.7	6
118	Innovative and Emerging Drying Technologies for Enhancing Food Quality. <i>Journal of Food Quality</i> , 2018, 2018, 1-2.	1.4	5
119	Hot-air impingement roast drying of beef jerky: Effect of relative humidity on quality attributes. <i>Drying Technology</i> , 2023, 41, 277-289.	1.7	5
120	Role of expert reviews in guiding future drying R&D. <i>Drying Technology</i> , 2017, 35, 525-526.	1.7	4
121	Effects of dielectric barrier discharge (DBD) plasma on the drying kinetics, color, phenolic compounds, energy consumption and microstructure of lotus pollen. <i>Drying Technology</i> , 2022, 40, 3100-3114.	1.7	4
122	Comparison of the Thermal Transitions of Spray-Dried and Freeze-Dried Egg Whites by Differential Scanning Calorimetry. <i>Food and Bioprocess Technology</i> , 2020, 13, 1329-1343.	2.6	3
123	Deep learnt grading of almond kernels. <i>Journal of Food Process Engineering</i> , 2021, 44, e13662.	1.5	3
124	Real-time detection system for moisture content and color change in jujube slices during drying process. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15539.	0.9	3
125	Effects of different drying methods on drying characteristics, microstructure, quality, and energy consumption of <i>Panax Notoginseng</i> roots (Araliaceae). <i>Drying Technology</i> , 2022, 40, 1247-1261.	1.7	3
126	Nanotechnology for Food Safety and Security: A Comprehensive Review. <i>Food Reviews International</i> , 2023, 39, 3858-3878.	4.3	3

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127	Mining shell waste will not be easy. Nature, 2015, 525, 321-321.	13.7	2
128	Mathematical modeling and polysaccharide content of Ganoderma lucidum by hot air impingement drying. , 2013, , .		1
129	Sustainable drying research in China. Drying Technology, 2020, 38, 1958-1958.	1.7	1
130	Air Impingement Drying Model of Chestnut. , 2012, , .		0
131	Role of peer-review system in quality assurance of archival publications. Drying Technology, 2016, 34, 1901-1903.	1.7	0
132	Blooming drying research in China. Drying Technology, 2017, 35, 1290-1290.	1.7	0
133	Special issue for the 9th Asia-Pacific drying conference (ADC 2017). Drying Technology, 2019, 37, 270-270.	1.7	0
134	<i>Effect of drying and high-humidity hot air impingement blanching (HHAIB) parameters on drying characteristics and quality of apple slices</i>. , 2019, , .		0