

# CITATION REPORT

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**Food waste within food supply chains: quantification and potential for change to 2050**

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1611	Development of probabilistic models for quantitative pathway analysis of plant pest introduction for the EU territory. <b>2016</b> , 13, 1062E	4
1610	Reducing human nitrogen use for food production. <b>2016</b> , 6, 30104	31
1609	Food waste in campus dining operations: Inventory of pre- and post-consumer mass by food category, and estimation of embodied greenhouse gas emissions. <b>2016</b> , 31, 191-201	17
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1606	Carbon Footprint Management for Food Supply Chains. <b>2016</b> , 205-231	1
1605	The challenge of food security, value chains and delivery of benefits for smallholder farmers in southeast Asia part 1. <b>2016</b> , 71-78	
1604	Improving food and nutritional security in East Africa through African indigenous vegetables: a case study of the horticultural innovation system in Kenya. <b>2016</b> , 89-96	
1603	Risk of food losses and potential of food recovery for social purposes. <b>2016</b> , 52, 269-77	32
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1601	Reducing Food Waste in the Food Service Sector as a Way to Promote Public Health and Environmental Sustainability. <b>2016</b> , 117-132	6
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1599	Explaining and promoting household food waste-prevention by an environmental psychological based intervention study. <b>2016</b> , 111, 53-66	85
1598	Testing nano-silver food packaging to evaluate silver migration and food spoilage bacteria on chicken meat. <b>2016</b> , 33, 1063-71	32
1597	Consumer-Related Food Waste: Role of Food Marketing and Retailers and Potential for Action. <b>2016</b> , 28, 271-285	65
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1595	Global and regional health effects of future food production under climate change: a modelling study. <b>2016</b> , 387, 1937-46	210
1594	FOOD WASTE. Waste not, want not, emit less. <b>2016</b> , 352, 408-9	50
1593	A review of postharvest handling and losses in the fresh tomato supply chain: a focus on Sub-Saharan Africa. <b>2016</b> , 8, 389-404	36
1592	Reuse of Dairy Product: Evaluation of the Lipid Profile Evolution During and After Their Shelf-Life. <b>2016</b> , 9, 3143-3154	10
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1590	Understanding household food metabolism: relating micro-level material flow analysis to consumption practices. <b>2016</b> , 125, 44-55	33
1589	Introduction to Edible Insects. <b>2016</b> , 1-27	4
1588	Applying Value Stream Mapping to reduce food losses and wastes in supply chains: A systematic review. <b>2016</b> , 58, 359-368	68
1587	An environmental analysis of options for utilising wasted food and food residue. <b>2016</b> , 183, 826-835	61
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1585	Wetland Loss in the Transition to Urbanisation: a Case Study from Western Sydney, Australia. <b>2016</b> , 36, 985-994	14
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1583	A systematic approach to preventing chilled-food waste at the retail outlet. <b>2016</b> , 182, 508-518	30
1582	A hybrid method for quantifying China's nitrogen footprint during urbanisation from 1990 to 2009. <b>2016</b> , 97, 137-145	39
1581	A webGIS-based system for real time shelf life prediction. <b>2016</b> , 127, 451-459	29
1580	A 2015 global update on folic acid-preventable spina bifida and anencephaly. <b>2016</b> , 106, 520-9	53
1579	Commentary: Why Do We Waste So Much Food? A Research Agenda. <b>2016</b> , 1, 53-56	9
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1576	The UK waste input-output table: Linking waste generation to the UK economy. <b>2016</b> , 34, 1089-1094	28
1575	The Squander Sequence: Understanding Food Waste at Each Stage of the Consumer Decision-Making Process. <b>2016</b> , 35, 292-304	100
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1573	Agriculture, Environment and Development. <b>2016</b> ,	1
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1571	Toxicity of coumaran to stored products beetles. <b>2016</b> , 69, 172-174	6
1570	Environmental Impacts of Fruit Production in Brazil. <b>2016</b> , 149-179	1
1569	Waste Prevention. <b>2016</b> , 53-93	1
1568	Trends in racial/ethnic and income disparities in foods and beverages consumed and purchased from stores among US households with children, 2000-2013. <b>2016</b> , 104, 750-9	18
1567	A Production Inventory Routing Planning for Perishable Food with Quality Consideration. <b>2016</b> , 49, 407-412	18
1566	Food waste prevention in Athens, Greece: The effect of family characteristics. <b>2016</b> , 34, 1210-1216	24
1565	Inferring shortfall costs and integrating environmental costs into optimal production levels for an all-you-care-to-eat food service operation. <b>2016</b> , 182, 157-164	4
1564	Grain supply chain network design and logistics planning for reducing post-harvest loss. <b>2016</b> , 151, 105-115	44
1563	Advances on Waste Valorization: New Horizons for a More Sustainable Society. <b>2016</b> , 37-77	
1562	Packaging's Role in Sustainability: Reusable Plastic Containers in the Agricultural-Food Supply Chains. <b>2016</b> , 175-204	4
1561	The potential for the use of waste products from a variety of sectors in water treatment processes. <b>2016</b> , 137, 788-802	48
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1559	From the table to waste: An exploratory study on behaviour towards food waste of Spanish and Italian youths. <b>2016</b> , 138, 8-18	124
1558	Attaining food and environmental security in an era of globalization. <b>2016</b> , 41, 195-205	18
1557	Critical Research Needed to Examine the Environmental Impacts of Expanded Refrigeration on the Food System. <b>2016</b> , 50, 12060-12071	22
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1555	Household food waste and eating behavior: empirical survey. <b>2016</b> , 118, 3059-3072	32
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1551	Methane emissions as energy reservoir: Context, scope, causes and mitigation strategies. <b>2016</b> , 56, 33-70	72
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1548	An Ecological and Evolutionary Framework for Commensalism in Anthropogenic Environments. <b>2016</b> , 31, 633-645	87
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1546	Sustainable diets: The interaction between food industry, nutrition, health and the environment. <b>2016</b> , 22, 102-11	46
1545	Metabolomic Technologies for Improving the Quality of Food: Practice and Promise. <b>2016</b> , 7, 413-38	62
1544	What about biodiversity? Redefining urban sustainable management to incorporate endemic fauna with particular reference to Australia. <b>2016</b> , 19, 669-678	6
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1541	Food waste prevention in Europe â A cause-driven approach to identify the most relevant leverage points for action. <b>2016</b> , 109, 155-165	215
1540	Household food waste: the implications of consumer choice in food from purchase to disposal. <b>2016</b> , 21, 682-706	48
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1538	Recent advances in the use of different substrates in microbial fuel cells toward wastewater treatment and simultaneous energy recovery. <b>2016</b> , 168, 706-723	513
1537	Maintaining overall quality of fresh traditional leafy vegetables of Southern Africa during the postharvest chain. <b>2016</b> , 32, 400-416	14
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1535	Postharvest losses of cabbages from retail to consumer and the socio-economic and environmental impacts. <b>2016</b> , 118, 286-300	10
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1531	Biotechnology or organic? Extensive or intensive? Global or local? A critical review of potential pathways to resolve the global food crisis. <b>2016</b> , 48, 78-87	73
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1529	Determinants of consumer food waste behaviour: Two routes to food waste. <b>2016</b> , 96, 7-17	404
1528	Induced mutations in tomato SLExp1 alter cell wall metabolism and delay fruit softening. <b>2016</b> , 242, 195-202	36
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1525	Dynamic supply chain decisions based on networked sensor data: an application in the chilled food retail chain. <b>2017</b> , 55, 5127-5141	62
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1522	Throwing It All Away: Exploring Affluent Consumers' Attitudes Toward Wasting Edible Food. <b>2017</b> , 23, 416-429	36
1521	Processing- and product-related causes for food waste and implications for the food supply chain. <b>2017</b> , 61, 461-472	96
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1514	Pie waste - A component of food waste and a renewable substrate for producing ethanol. <b>2017</b> , 62, 247-254	7
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1509	A systematic approach to evaluate parameter consistency in the inlet stream of source separated biowaste composting facilities: A case study in Colombia. <b>2017</b> , 62, 24-32	4
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1507	Behavioral approach to food waste: an experiment. <b>2017</b> , 119, 882-894	42
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1504	Managing and manipulating the rhizosphere microbiome for plant health: A systems approach. <b>2017</b> , 3, 230-232	78
1503	Fresh, frozen, or ambient food equivalents and their impact on food waste generation in Dutch households. <b>2017</b> , 67, 298-307	26
1502	A systematic review of food losses and food waste generation in developed countries. <b>2017</b> , 170, 66-77	24
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1492	The weight of unfinished plate: A survey based characterization of restaurant food waste in Chinese cities. <b>2017</b> , 66, 3-12	117
1491	Food consumption and related water resources in Nordic cities. <b>2017</b> , 74, 119-129	39
1490	A physically-based model of long-term food demand. <b>2017</b> , 45, 47-62	41
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1488	Platelet ordering policies at hospitals using stochastic integer programming model and heuristic approaches to reduce wastage. <b>2017</b> , 110, 151-164	29

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1486	Biotic resource loss beyond food waste: Agriculture leaks worst. <b>2017</b> , 124, 129-140	8
1485	Consumers' perceptions of food waste: A pilot study of U.S. students. <b>2017</b> , 41, 627-637	16
1484	Characterization of pre- and postharvest losses of tomato supply chain in Ethiopia. <b>2017</b> , 6,	15
1483	Using Pretreatment and Enzymatic Saccharification Technologies to Produce Fermentable Sugars from Agricultural Wastes. <b>2017</b> , 15-38	2
1482	Water footprint of Xiamen city from production and consumption perspectives (2001-2012). <b>2017</b> , 17, 472-479	3
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1475	Key characteristics and success factors of supply chain initiatives tackling consumer-related food waste - A multiple case study. <b>2017</b> , 155, 33-45	111
1474	Strategies for greenhouse gas emissions mitigation in Mediterranean agriculture: A review. <b>2017</b> , 238, 5-24	137
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1472	Field evaluation of the long-lasting treated storage bag, deltamethrin incorporated, (ZeroFly' Storage Bag) as a barrier to insect pest infestation. <b>2017</b> , 70, 44-52	33
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1470	Food losses and waste: Navigating the inconsistencies. <b>2017</b> , 12, 1-7	89

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1466	Food supply chain management: systems, implementations, and future research. <b>2017</b> , 117, 2085-2114	71
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1464	Modelling and optimisation of Indian traditional agriculture supply chain to reduce post-harvest loss and CO2 emission. <b>2017</b> , 117, 1817-1841	13
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1435	Bringing habits and emotions into food waste behaviour. <b>2017</b> , 125, 107-114	189
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1426	Anaerobic cometabolism of fruit and vegetable wastes using mammalian fecal inoculums: Fast assessment of biomethane production. <b>2017</b> , 141, 1411-1418	8
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1409	Horticultural Loss Generated by Wholesalers: A Case Study of the Canning Vale Fruit and Vegetable Markets in Western Australia. <b>2017</b> , 3, 34	7
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1400	Decentralised Organic Resource Treatments – Classification and comparison through Extended Material Flow Analysis. <b>2018</b> , 183, 515-526	8
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1396	The Road to Biorenewables: Carbohydrates to Commodity Chemicals. <b>2018</b> , 6, 4464-4480	93
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1387	The Urgent Need to Re-engineer Nitrogen-Efficient Food Production for the Planet. <b>2018</b> , 35-69	12
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1338	An overview of current status of cold chain in China. <b>2018</b> , 88, 483-495	63
1337	What gets measured gets managed: A new method of measuring household food waste. <b>2018</b> , 76, 68-81	53
1336	Reducing postharvest losses of apples: Optimal transport routing (while minimizing total costs). <b>2018</b> , 146, 136-144	15
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1334	Eco-innovative technologies for extraction of proteins for human consumption from renewable protein sources of plant origin. <b>2018</b> , 75, 93-104	138
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1273	Sustainability as a motive for leisure-time gardening: a view from the "reggie patch" <b>2018</b> , 75, 1000-1010	6
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1269	Policy Landscape and Recommendations to Inform Adoption of Food Waste-to-Energy Technologies. <b>2018</b> , 231-258	
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1254	Food leftovers in workplace cafeterias: An exploratory analysis of stated behavior and actual behavior. <b>2018</b> , 136, 88-94	13

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1251	Throwing it out: Introducing a nexus perspective in examining citizen perceptions of organizational food waste in the U.S.. <b>2018</b> , 88, 63-71	12
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1203	Handlungsempfehlungen zur Reduktion von Lebensmittelabfällen und ihre Klimarelevanz anhand von theoretischen Umsetzungsbeispielen im europäischen Raum. <b>2019</b> , 71, 273-281	
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