

Carlo Leifert

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,395
citations

257357

24
h-index

206029

48
g-index

57
all docs

57
docs citations

57
times ranked

2507
citing authors

#	ARTICLE	IF	CITATIONS
1	Higher antioxidant and lower cadmium concentrations and lower incidence of pesticide residues in organically grown crops: a systematic literature review and meta-analyses. <i>British Journal of Nutrition</i> , 2014, 112, 794-811.	1.2	467
2	Fatty acid and fat-soluble antioxidant concentrations in milk from high- and low-input conventional and organic systems: seasonal variation. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 1431-1441.	1.7	202
3	Higher PUFA and ω -3 PUFA, conjugated linoleic acid, α -tocopherol and iron, but lower iodine and selenium concentrations in organic milk: a systematic literature review and meta- and redundancy analyses. <i>British Journal of Nutrition</i> , 2016, 115, 1043-1060.	1.2	161
4	Diversity and Activity of Free-Living Nitrogen-Fixing Bacteria and Total Bacteria in Organic and Conventionally Managed Soils. <i>Applied and Environmental Microbiology</i> , 2011, 77, 911-919.	1.4	155
5	Composition differences between organic and conventional meat: a systematic literature review and meta-analysis. <i>British Journal of Nutrition</i> , 2016, 115, 994-1011.	1.2	144
6	Organic Production Enhances Milk Nutritional Quality by Shifting Fatty Acid Composition: A United States-Wide, 18-Month Study. <i>PLoS ONE</i> , 2013, 8, e82429.	1.1	98
7	A Systematic Review of Organic Versus Conventional Food Consumption: Is There a Measurable Benefit on Human Health?. <i>Nutrients</i> , 2020, 12, 7.	1.7	81
8	Effects of agricultural production systems and their components on protein profiles of potato tubers. <i>Proteomics</i> , 2007, 7, 597-604.	1.3	66
9	Enhancing the fatty acid profile of milk through forage-based rations, with nutrition modeling of diet outcomes. <i>Food Science and Nutrition</i> , 2018, 6, 681-700.	1.5	66
10	The effect of organic and conventional management on the yield and quality of wheat grown in a long-term field trial. <i>European Journal of Agronomy</i> , 2013, 51, 71-80.	1.9	63
11	Effect of Organic and Conventional Crop Rotation, Fertilization, and Crop Protection Practices on Metal Contents in Wheat (<i>Triticum aestivum</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 4715-4724.	2.4	60
12	Effect of Feeding Intensity and Milking System on Nutritionally Relevant Milk Components in Dairy Farming Systems in the North East of England. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7270-7281.	2.4	53
13	Effects of organic food consumption on human health; the jury is still out!. <i>Food and Nutrition Research</i> , 2017, 61, 1287333.	1.2	53
14	Soil type, management history, and soil amendments influence the development of soil-borne (<i>Rhizoctonia solani</i> , <i>Pythium ultimum</i>) and air-borne (<i>Phytophthora infestans</i> , <i>Hyaloperonospora</i>) Tj ETQqO 0 0 rgB6/8 Overlock 10 Tf 50		
15	Effect of soil amendments and biological control agents (BCAs) on soil-borne root diseases caused by <i>Pyrenochaeta lycopersici</i> and <i>Verticillium albo-atrum</i> in organic greenhouse tomato production systems. <i>European Journal of Plant Pathology</i> , 2009, 123, 387-400.	0.8	44
16	Effect of wheat species (<i>Triticum aestivum</i> vs <i>T. spelta</i>), farming system (organic vs conventional) and flour type (wholegrain vs white) on composition of wheat flour – Results of a retail survey in the UK and Germany – 2. Antioxidant activity, and phenolic and mineral content. <i>Food Chemistry: X</i> , 2020, 6, 100091.	1.8	41
17	The influence of organic and conventional fertilisation and crop protection practices, preceding crop, harvest year and weather conditions on yield and quality of potato (<i>Solanum tuberosum</i>) in a long-term management trial. <i>European Journal of Agronomy</i> , 2013, 49, 83-92.	1.9	36
18	The effect of agronomic factors on crop health and performance of winter wheat varieties bred for the conventional and the low input farming sector. <i>Field Crops Research</i> , 2020, 254, 107822.	2.3	36

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19	Effects of Agronomic Management and Climate on Leaf Phenolic Profiles, Disease Severity, and Grain Yield in Organic and Conventional Wheat Production Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10369-10379.	2.4	32
20	Optimizing nitrogen use efficiency in wheat and potatoes: interactions between genotypes and agronomic practices. <i>Euphytica</i> , 2014, 199, 119-136.	0.6	30
21	Integrated Soil and Crop Management in Organic Agriculture: A Logical Framework to Ensure Food Quality and Human Health?. <i>Agronomy</i> , 2021, 11, 2494.	1.3	30
22	Diet and food type affect urinary pesticide residue excretion profiles in healthy individuals: results of a randomized controlled dietary intervention trial. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 364-377.	2.2	29
23	Effect of Crop Protection and Fertilization Regimes Used in Organic and Conventional Production Systems on Feed Composition and Physiological Parameters in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1017-1029.	2.4	28
24	Evidence That Forage-Fed Cows Can Enhance Milk Quality. <i>Sustainability</i> , 2020, 12, 3688.	1.6	27
25	Reynoutria sachalinensis extract elicits SA-dependent defense responses in courgette genotypes against powdery mildew caused by <i>Podosphaera xanthii</i> . <i>Scientific Reports</i> , 2020, 10, 3354.	1.6	25
26	Methods for Comparing Data across Differently Designed Agronomic Studies: Examples of Different Meta-analysis Methods Used to Compare Relative Composition of Plant Foods Grown Using Organic or Conventional Production Methods and a Protocol for a Systematic Review. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7173-7180.	2.4	22
27	Time-series models to quantify short-term effects of meteorological conditions on bumblebee forager activity in agricultural landscapes. <i>Agricultural and Forest Entomology</i> , 2015, 17, 270-276.	0.7	21
28	Evaluating the effect of agronomic management practices on the performance of differing spelt (<i>Triticum spelta</i>) cultivars in contrasting environments. <i>Field Crops Research</i> , 2020, 255, 107869.	2.3	18
29	Effect of Organic and Conventional Production Methods on Fruit Yield and Nutritional Quality Parameters in Three Traditional Cretan Grape Varieties: Results from a Farm Survey. <i>Foods</i> , 2021, 10, 476.	1.9	18
30	Effect of wheat species (<i>Triticum aestivum</i> vs <i>T. spelta</i>), farming system (organic vs conventional) and flour type (wholegrain vs white) on composition of wheat flour; results of a retail survey in the UK and Germany – 1. Mycotoxin content. <i>Food Chemistry</i> , 2020, 327, 127011.	4.2	17
31	The Effect of Different Fertilization Regimes on Yield, Selected Nutrients, and Bioactive Compounds Profiles of Onion. <i>Agronomy</i> , 2021, 11, 883.	1.3	17
32	Quantitative proteomics to study the response of wheat to contrasting fertilisation regimes. <i>Molecular Breeding</i> , 2013, 31, 379-393.	1.0	16
33	Effect of wheat species (<i>Triticum aestivum</i> vs <i>T. spelta</i>), farming system (organic vs conventional) and flour type (wholegrain vs white) on composition of wheat flour – Results of a retail survey in the UK and Germany – 3. Pesticide residue content. <i>Food Chemistry: X</i> , 2020, 7, 100089.	1.8	16
34	Effect of irrigation, fertiliser type and variety on grain yield and nutritional quality of spelt wheat (<i>Triticum spelta</i>) grown under semi-arid conditions. <i>Food Chemistry</i> , 2021, 358, 129826.	4.2	15
35	Differing responses in milk composition from introducing rapeseed and naked oats to conventional and organic dairy diets. <i>Scientific Reports</i> , 2019, 9, 8115.	1.6	14
36	Effect of variety choice, resistant rootstocks and chitin soil amendments on soil-borne diseases in soil-based, protected tomato production systems. <i>European Journal of Plant Pathology</i> , 2012, 134, 605-617.	0.8	13

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37	Effects of Production Region, Production Systems and Grape Type/Variety on Nutritional Quality Parameters of Table Grapes; Results from a UK Retail Survey. <i>Foods</i> , 2020, 9, 1874.	1.9	13
38	Effects of Previous Crop Management, Fertilization Regime and Water Supply on Potato Tuber Proteome and Yield. <i>Agronomy</i> , 2013, 3, 59-85.	1.3	12
39	The effects of different biological control agents (BCAs) and plant defence elicitors on cucumber powdery mildew (<i>Podosphaera xanthii</i>). <i>Organic Agriculture</i> , 2012, 2, 89-101.	1.2	11
40	Breeding for nitrogen efficiency: concepts, methods, and case studies. <i>Euphytica</i> , 2014, 199, 1-2.	0.6	11
41	Impact of US Brown Swiss genetics on milk quality from low-input herds in Switzerland: Interactions with season. <i>Food Chemistry</i> , 2018, 251, 93-102.	4.2	10
42	Performance of Modern and Traditional Spelt Wheat (<i>Triticum spelta</i>) Varieties in Rain-Fed and Irrigated, Organic and Conventional Production Systems in a Semi-Arid Environment; Results from Exploratory Field Experiments in Crete, Greece. <i>Agronomy</i> , 2021, 11, 890.	1.3	9
43	Feed Composition Differences Resulting from Organic and Conventional Farming Practices Affect Physiological Parameters in Wistar Rats—Results from a Factorial, Two-Generation Dietary Intervention Trial. <i>Nutrients</i> , 2021, 13, 377.	1.7	8
44	Effect of Production System (Organic versus Conventional) on Olive Fruit and Oil Yields and Oil Quality Parameters in the Messara Valley, Crete, Greece; Results from a 3-Year Farm Survey. <i>Agronomy</i> , 2022, 12, 1484.	1.3	8
45	Meeting Breeding Potential in Organic and Low-Input Dairy Farming. <i>Frontiers in Veterinary Science</i> , 2020, 7, 544149.	0.9	7
46	Modelling Pathways to Rubisco Degradation: A Structural Equation Network Modelling Approach. <i>PLoS ONE</i> , 2014, 9, e87597.	1.1	7
47	Evaluating the effect of nitrogen fertilizer rate and source on the performance of open-pollinated rye (<i>Secale cereale</i> L.) cultivars in contrasting European environments. <i>Crop Science</i> , 2022, 62, 928-946.	0.8	7
48	Effect of Organic and Conventional Cereal Production Methods on Fusarium Head Blight and Mycotoxin Contamination Levels. <i>Agronomy</i> , 2022, 12, 797.	1.3	7
49	Effect of plant age, temperature and humidity on virulence of <i>Ascochyta caulina</i> on common lambsquarters (<i>Chenopodium album</i>). <i>Weed Science</i> , 2006, 54, 526-531.	0.8	5
50	Effect of Intensification Practices, Lambing Period and Environmental Parameters on Animal Health, and Milk Yield and Quality in Dairy Sheep Production Systems on Crete. <i>Sustainability</i> , 2021, 13, 9706.	1.6	4
51	Enriched H3K4me3 marks at Pm-0 resistance-related genes prime courgette against <i>Podosphaera xanthii</i> . <i>Plant Physiology</i> , 2022, 188, 576-592.	2.3	4
52	Organic Farming Provides a Blueprint to Improve Food Quality, Safety and Security. <i>Agronomy</i> , 2022, 12, 631.	1.3	4
53	Sustainable Intensification? Increased Production Diminishes Omega-3 Content of Sheep Milk. <i>Sustainability</i> , 2020, 12, 1228.	1.6	3
54	Performance and milk quality parameters of Jersey crossbreds in low-input dairy systems. <i>Scientific Reports</i> , 2022, 12, 7550.	1.6	2

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55	NDICEA Calibration and validation on a northern UK soil. <i>Organic Agriculture</i> , 2016, 6, 267-280.	1.2	1
56	Reply to "Comment on: A Systematic Review of Organic Versus Conventional Food Consumption: Is There a Measurable Benefit on Human Health?" <i>Nutrients</i> 2020, 12, 746. <i>Nutrients</i> , 2020, 12, 695.	1.7	1