Carlo Leifert

List of Publications by Year
in descending order

56 papers	2,395 citations	257450 24 h-index	206112 48 g-index
57 all docs	57 docs citations	57 times ranked	2507 citing authors

#	Article	IF	Citations
1	Diet and food type affect urinary pesticide residue excretion profiles in healthy individuals: results of a randomized controlled dietary intervention trial. American Journal of Clinical Nutrition, 2022, 115, 364-377.	4.7	29
2	Enriched H3K4me3 marks at Pm-0 resistance-related genes prime courgette against Podosphaera xanthii. Plant Physiology, 2022, 188, 576-592.	4.8	4
3	Evaluating the effect of nitrogen fertilizer rate and source on the performance of openâ€pollinated rye (Secale cereale L.) cultivars in contrasting European environments. Crop Science, 2022, 62, 928-946.	1.8	7
4	Effect of Organic and Conventional Cereal Production Methods on Fusarium Head Blight and Mycotoxin Contamination Levels. Agronomy, 2022, 12, 797.	3.0	7
5	Organic Farming Provides a Blueprint to Improve Food Quality, Safety and Security. Agronomy, 2022, 12, 631.	3.0	4
6	Performance and milk quality parameters of Jersey crossbreds in low-input dairy systems. Scientific Reports, 2022, 12, 7550.	3.3	2
7	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. Agronomy, 2022, 12, 1484.	3.0	8
8	Feed Composition Differences Resulting from Organic and Conventional Farming Practices Affect Physiological Parameters in Wistar Ratsâ€"Results from a Factorial, Two-Generation Dietary Intervention Trial. Nutrients, 2021, 13, 377.	4.1	8
9	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. Foods, 2021, 10, 476.	4.3	18
10	The Effect of Different Fertilization Regimes on Yield, Selected Nutrients, and Bioactive Compounds Profiles of Onion. Agronomy, 2021, 11, 883.	3.0	17
11	Performance of Modern and Traditional Spelt Wheat (Triticum spelta) Varieties in Rain-Fed and Irrigated, Organic and Conventional Production Systems in a Semi-Arid Environment; Results from Exploratory Field Experiments in Crete, Greece. Agronomy, 2021, 11, 890.	3.0	9
12	Effect of Intensification Practices, Lambing Period and Environmental Parameters on Animal Health, and Milk Yield and Quality in Dairy Sheep Production Systems on Crete. Sustainability, 2021, 13, 9706.	3.2	4
13	Effect of irrigation, fertiliser type and variety on grain yield and nutritional quality of spelt wheat (Triticum spelta) grown under semi-arid conditions. Food Chemistry, 2021, 358, 129826.	8.2	15
14	Integrated Soil and Crop Management in Organic Agriculture: A Logical Framework to Ensure Food Quality and Human Health?. Agronomy, 2021, 11, 2494.	3.0	30
15	A Systematic Review of Organic Versus Conventional Food Consumption: Is There a Measurable Benefit on Human Health?. Nutrients, 2020, 12, 7.	4.1	81
16	Meeting Breeding Potential in Organic and Low-Input Dairy Farming. Frontiers in Veterinary Science, 2020, 7, 544149.	2.2	7
17	Effects of Production Region, Production Systems and Grape Type/Variety on Nutritional Quality Parameters of Table Grapes; Results from a UK Retail Survey. Foods, 2020, 9, 1874.	4.3	13
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. Field Crops Research, 2020, 254, 107822.	5.1	36

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19	Effect of wheat species (Triticum aestivum vs T. spelta), farming system (organic vs conventional) and flour type (wholegrain vs white) on composition of wheat flour â€“ Results of a retail survey in the UK and Germany â€“ 2. Antioxidant activity, and phenolic and mineral content. Food Chemistry: X, 2020, 6, 100091.	4.3	41
20	Effect of wheat species (Triticum aestivum vs T. spelta), 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 â€“ 1. Mycotoxin content. Food Chemistry, 2020, 327, 127011.	8.2	17
21	Evidence That Forage-Fed Cows Can Enhance Milk Quality. Sustainability, 2020, 12, 3688.	3.2	27
22	Reply to â€œComment on: A Systematic Review of Organic Versus Conventional Food Consumption: Is There a Measurable Benefit on Human Health? Nutrients 2020, 12, 7â€• Nutrients, 2020, 12, 695.	4.1	1
23	Evaluating the effect of agronomic management practices on the performance of differing spelt (Triticum spelta) cultivars in contrasting environments. Field Crops Research, 2020, 255, 107869.	5.1	18
24	Sustainable Intensification? Increased Production Diminishes Omega-3 Content of Sheep Milk. Sustainability, 2020, 12, 1228.	3.2	3
25	Reynoutria sachalinensis extract elicits SA-dependent defense responses in courgette genotypes against powdery mildew caused by Podosphaera xanthii. Scientific Reports, 2020, 10, 3354.	3.3	25
26	Effect of wheat species (Triticum aestivum vs T. spelta), farming system (organic vs conventional) and flour type (wholegrain vs white) on composition of wheat flour â€“ Results of a retail survey in the UK and Germany â€“ 3. Pesticide residue content. Food Chemistry: X, 2020, 7, 100089.	4.3	16
27	Differing responses in milk composition from introducing rapeseed and naked oats to conventional and organic dairy diets. Scientific Reports, 2019, 9, 8115.	3.3	14
28	Enhancing the fatty acid profile of milk through forageâ€based rations, with nutrition modeling of diet outcomes. Food Science and Nutrition, 2018, 6, 681-700.	3.4	66
29	Impact of US Brown Swiss genetics on milk quality from low-input herds in Switzerland: Interactions with season. Food Chemistry, 2018, 251, 93-102.	8.2	10
30	Effects of Agronomic Management and Climate on Leaf Phenolic Profiles, Disease Severity, and Grain Yield in Organic and Conventional Wheat Production Systems. Journal of Agricultural and Food Chemistry, 2018, 66, 10369-10379.	5.2	32
31	Effects of organic food consumption on human health; the jury is still out!. Food and Nutrition Research, 2017, 61, 1287333.	2.6	53
32	Composition differences between organic and conventional meat: a systematic literature review and meta-analysis. British Journal of Nutrition, 2016, 115, 994-1011.	2.3	144
33	Higher PUFA andn-3 PUFA, conjugated linoleic acid,Î±-tocopherol and iron, but lower iodine and selenium concentrations in organic milk: a systematic literature review and meta- and redundancy analyses. British Journal of Nutrition, 2016, 115, 1043-1060.	2.3	161
34	NDICEA Calibration and validation on a northern UK soil. Organic Agriculture, 2016, 6, 267-280.	2.4	1
35	Time-series models to quantify short-term effects of meteorological conditions on bumblebee forager activity in agricultural landscapes. Agricultural and Forest Entomology, 2015, 17, 270-276.	1.3	21
36	Higher antioxidant and lower cadmium concentrations and lower incidence of pesticide residues in organically grown crops: a systematic literature review and meta-analyses. British Journal of Nutrition, 2014, 112, 794-811.	2.3	467

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37	Optimizing nitrogen use efficiency in wheat and potatoes: interactions between genotypes and agronomic practices. Euphytica, 2014, 199, 119-136.	1.2	30
38	Breeding for nitrogen efficiency: concepts, methods, and case studies. Euphytica, 2014, 199, 1-2.	1.2	11
39	Modelling Pathways to Rubisco Degradation: A Structural Equation Network Modelling Approach. PLoS ONE, 2014, 9, e87597.	2.5	7
40	Quantitative proteomics to study the response of wheat to contrasting fertilisation regimes. Molecular Breeding, 2013, 31, 379-393.	2.1	16
41	The influence of organic and conventional fertilisation and crop protection practices, preceding crop, harvest year and weather conditions on yield and quality of potato (Solanum tuberosum) in a long-term management trial. European Journal of Agronomy, 2013, 49, 83-92.	4.1	36
42	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. Journal of Agricultural and Food Chemistry, 2013, 61, 7173-7180.	5.2	22
43	The effect of organic and conventional management on the yield and quality of wheat grown in a long-term field trial. European Journal of Agronomy, 2013, 51, 71-80.	4.1	63
44	Effect of Crop Protection and Fertilization Regimes Used in Organic and Conventional Production Systems on Feed Composition and Physiological Parameters in Rats. Journal of Agricultural and Food Chemistry, 2013, 61, 1017-1029.	5.2	28
45	Effects of Previous Crop Management, Fertilization Regime and Water Supply on Potato Tuber Proteome and Yield. Agronomy, 2013, 3, 59-85.	3.0	12
46	Organic Production Enhances Milk Nutritional Quality by Shifting Fatty Acid Composition: A United Statesâ€"Wide, 18-Month Study. PLoS ONE, 2013, 8, e82429.	2.5	98
47	The effects of different biological control agents (BCAs) and plant defence elicitors on cucumber powdery mildew (Podosphaera xanthii). Organic Agriculture, 2012, 2, 89-101.	2.4	11
48	Effect of Feeding Intensity and Milking System on Nutritionally Relevant Milk Components in Dairy Farming Systems in the North East of England. Journal of Agricultural and Food Chemistry, 2012, 60, 7270-7281.	5.2	53
49	Effect of variety choice, resistant rootstocks and chitin soil amendments on soil-borne diseases in soil-based, protected tomato production systems. European Journal of Plant Pathology, 2012, 134, 605-617.	1.7	13
50	Diversity and Activity of Free-Living Nitrogen-Fixing Bacteria and Total Bacteria in Organic and Conventionally Managed Soils. Applied and Environmental Microbiology, 2011, 77, 911-919.	3.1	155
51	Effect of Organic and Conventional Crop Rotation, Fertilization, and Crop Protection Practices on Metal Contents in Wheat (Triticum aestivum). Journal of Agricultural and Food Chemistry, 2011, 59, 4715-4724.	5.2	60
52	Soil type, management history, and soil amendments influence the development of soil-borne (Rhizoctonia solani, Pythium ultimum) and air-borne (Phytophthora infestans, Hyaloperonospora) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	46
53	Effect of soil amendments and biological control agents (BCAs) on soil-borne root diseases caused by Pyrenochaeta lycopersici and Verticillium albo-atrum in organic greenhouse tomato production systems. European Journal of Plant Pathology, 2009, 123, 387-400.	1.7	44
54	Fatty acid and fatâ€soluble antioxidant concentrations in milk from highâ€and lowâ€input conventional and organic systems: seasonal variation. Journal of the Science of Food and Agriculture, 2008, 88, 1431-1441.	3.5	202

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55	Effects of agricultural production systems and their components on protein profiles of potato tubers. Proteomics, 2007, 7, 597-604.	2.2	66
56	Effect of plant age, temperature and humidity on virulence of Ascochyta caulina on common lambsquarters (Chenopodium album). Weed Science, 2006, 54, 526-531.	1.5	5