

Kurt MÄjller

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,575
citations

331670

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330143

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39
all docs

39
docs citations

39
times ranked

2587
citing authors

#	ARTICLE	IF	CITATIONS
1	Digestate Composition Affecting N Fertiliser Value and C Mineralisation. Waste and Biomass Valorization, 2022, 13, 3445-3462.	3.4	14
2	Increased phosphorus availability from sewage sludge ashes to maize in a crop rotation with clover. Soil Use and Management, 2022, 38, 1394-1402.	4.9	5
3	The Effects of Leguminous Living Mulch Intercropping and Its Growth Management on Organic Cabbage Yield and Biological Nitrogen Fixation. Agronomy, 2022, 12, 1009.	3.0	4
4	Field Application of Organic Fertilizers Triggers N ₂ O Emissions From the Soil N Pool as Indicated by ¹⁵ N-Labeled Digestates. Frontiers in Sustainable Food Systems, 2021, 4, .	3.9	6
5	Organic Matter Composition of Digestates Has a Stronger Influence on N ₂ O Emissions than the Supply of Ammoniacal Nitrogen. Agronomy, 2021, 11, 2215.	3.0	4
6	Efficacy of Various Mechanical Weeding Methodsâ€”Single and in Combinationâ€”In Terms of Different Field Conditions and Weed Densities. Agronomy, 2021, 11, 2084.	3.0	7
7	Camera-guided Weed Hoeing in Winter Cereals with Narrow Row Distance. Gesunde Pflanzen, 2020, 72, 403-411.	3.0	22
8	Row-Intercropping Maize (Zea mays L.) with Biodiversity-Enhancing Flowering-Partnersâ€”Effect on Plant Growth, Silage Yield, and Composition of Harvest Material. Agriculture (Switzerland), 2020, 10, 524.	3.1	16
9	Reliance on Biological Nitrogen Fixation Depletes Soil Phosphorus and Potassium Reserves. Nutrient Cycling in Agroecosystems, 2020, 118, 273-291.	2.2	29
10	Meta-analysis of nutrient budgets in organic farms across Europe. Organic Agriculture, 2020, 10, 65-77.	2.4	21
11	Partial replacement of rock phosphate by sewage sludge ash for the production of superphosphate fertilizers. Journal of Plant Nutrition and Soil Science, 2020, 183, 233-237.	1.9	9
12	Comparison of the environmental performance of different treatment scenarios for the main phosphorus recycling sources. Renewable Agriculture and Food Systems, 2019, 34, 349-362.	1.8	11
13	Phosphorus availability on many organically managed farms in Europe. Nutrient Cycling in Agroecosystems, 2018, 110, 227-239.	2.2	49
14	Long-term soil accumulation of potentially toxic elements and selected organic pollutants through application of recycled phosphorus fertilizers for organic farming conditions. Nutrient Cycling in Agroecosystems, 2018, 110, 427-449.	2.2	51
15	Phosphorus bioavailability of sewage sludgeâ€”based recycled fertilizers. Journal of Plant Nutrition and Soil Science, 2018, 181, 158-166.	1.9	50
16	Soil fertility status and nutrient inputâ€”output flows of specialised organic cropping systems: a review. Nutrient Cycling in Agroecosystems, 2018, 112, 147-164.	2.2	51
17	Phosphorus bioavailability of sewage sludge-based recycled fertilizers in an organically managed field experiment. Journal of Plant Nutrition and Soil Science, 2018, 181, 760-767.	1.9	8
18	Perennial and Intercrop Legumes as Energy Crops for Biogas Production. , 2018, , 139-171.		2

#	ARTICLE	IF	CITATIONS
19	Improved Phosphorus Recycling in Organic Farming: Navigating Between Constraints. <i>Advances in Agronomy</i> , 2018, , 159-237.	5.2	78
20	The challenge of imbalanced nutrient flows in organic farming systems: A study of organic greenhouses in Southern Germany. <i>Agriculture, Ecosystems and Environment</i> , 2017, 244, 1-13.	5.3	53
21	Fertilizer value and nitrogen transfer efficiencies with clover-grass ley biomass based fertilizers. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 107, 395-411.	2.2	14
22	Chemical characterization of commercial organic fertilizers. <i>Archives of Agronomy and Soil Science</i> , 2015, 61, 989-1012.	2.6	42
23	Effects of anaerobic digestion on soil carbon and nitrogen turnover, N emissions, and soil biological activity. A review. <i>Agronomy for Sustainable Development</i> , 2015, 35, 1021-1041.	5.3	198
24	Sustainable Potato Production Worldwide: the Challenge to Assess Conventional and Organic Production Systems. <i>Potato Research</i> , 2014, 57, 273-290.	2.7	17
25	Effects of anaerobic digestion on digestate nutrient availability and crop growth: A review. <i>Engineering in Life Sciences</i> , 2012, 12, 242-257.	3.6	876
26	Effects of setup of centralized biogas plants on crop acreage and balances of nutrients and soil humus. <i>Nutrient Cycling in Agroecosystems</i> , 2011, 89, 303-312.	2.2	22
27	Substrate inputs, nutrient flows and nitrogen loss of two centralized biogas plants in southern Germany. <i>Nutrient Cycling in Agroecosystems</i> , 2010, 87, 307-325.	2.2	58
28	Effects of organic wastes digestion for biogas production on mineral nutrient availability of biogas effluents. <i>Nutrient Cycling in Agroecosystems</i> , 2010, 87, 395-413.	2.2	41
29	The effect of biogas digestion on the environmental impact and energy balances in organic cropping systems using the life-cycle assessment methodology. <i>Renewable Agriculture and Food Systems</i> , 2010, 25, 204-218.	1.8	47
30	Effects of different manuring systems with and without biogas digestion on soil mineral nitrogen content and on gaseous nitrogen losses (ammonia, nitrous oxides). <i>European Journal of Agronomy</i> , 2009, 30, 1-16.	4.1	205
31	Inner farm nutrient flows between arable land and permanent grassland via the stable in organic cropping systems. <i>European Journal of Agronomy</i> , 2009, 31, 204-212.	4.1	20
32	Influence of different manuring systems with and without biogas digestion on soil organic matter and nitrogen inputs, flows and budgets in organic cropping systems. <i>Nutrient Cycling in Agroecosystems</i> , 2009, 84, 179-202.	2.2	72
33	Effects of various cover crops after peas on nitrate leaching and nitrogen supply to succeeding winter wheat or potato crops. <i>Journal of Plant Nutrition and Soil Science</i> , 2009, 172, 277-287.	1.9	36
34	Growth, composition, biological N ₂ fixation and nutrient uptake of a leguminous cover crop mixture and the effect of their removal on field nitrogen balances and nitrate leaching risk. <i>Nutrient Cycling in Agroecosystems</i> , 2008, 82, 233-249.	2.2	72
35	Effects of different manuring systems with and without biogas digestion on nitrogen cycle and crop yield in mixed organic dairy farming systems. <i>Nutrient Cycling in Agroecosystems</i> , 2008, 82, 209-232.	2.2	170
36	Effects of biogas digestion of clover/grass-leys, cover crops and crop residues on nitrogen cycle and crop yield in organic stockless farming systems. <i>European Journal of Agronomy</i> , 2008, 29, 125-134.	4.1	123

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37	Impact and Interaction of Nitrogen and Phytophthora infestans as Yield-limiting and Yield-reducing Factors in Organic Potato (<i>Solanum tuberosum</i> L.) Crops. <i>Potato Research</i> , 2007, 49, 281-301.	2.7	41
38	Impact of Agronomic Strategies (Seed Tuber Pre-sprouting, Cultivar Choice) to Control Late Blight (<i>Phytophthora infestans</i>) on Tuber Growth and Yield in Organic Potato (<i>Solanum tuberosum</i> L.) Crops. <i>Potato Research</i> , 2007, 50, 15-29.	2.7	31