

Andreas Meyer-Aurich

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,162
citations

516710

16
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

1801
citing authors

#	ARTICLE	IF	CITATIONS
1	Case Study of Effects of Mineral N Fertilization Amounts on Water Productivity in Rainfed Winter Rapeseed Cultivation on a Sandy Soil in Brandenburg (Germany) over Three Years. <i>Water</i> (Switzerland), 2021, 13, 1958.	2.7	3
2	Profitability and downside risk implications of site-specific nitrogen management with respect to wheat grain quality. <i>Precision Agriculture</i> , 2020, 21, 449-472.	6.0	18
3	Effectivity and Cost Efficiency of a Tax on Nitrogen Fertilizer to Reduce GHG Emissions from Agriculture. <i>Atmosphere</i> , 2020, 11, 607.	2.3	12
4	Effects of uncertainty and farmers' risk aversion on optimal N fertilizer supply in wheat production in Germany. <i>Agricultural Systems</i> , 2019, 173, 130-139.	6.1	20
5	Greenhouse gas emissions and mitigation options for German wine production. <i>Journal of Cleaner Production</i> , 2019, 212, 800-809.	9.3	47
6	A Model Approach for Yield-Zone-Specific Cost Estimation of Greenhouse Gas Mitigation by Nitrogen Fertilizer Reduction. <i>Sustainability</i> , 2018, 10, 710.	3.2	5
7	¹⁵ N-labelled fertiliser recovery by maize (<i>Zea mays</i> L.) and leaching of nutrients as influenced by oil palm empty fruit bunch biochar in a mini-lysimeter under controlled tropical environment. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1711-1724.	2.6	7
8	Contrasting effects of biochar on N ₂ O emission and N uptake at different N fertilizer levels on a temperate sandy loam. <i>Science of the Total Environment</i> , 2017, 578, 557-565.	8.0	42
9	Biochar application to sandy soil: effects of different biochars and N fertilization on crop yields in a 3-year field experiment. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 213-229.	2.6	31
10	Economic Potential of Site-Specific Fertiliser Application and Harvest Management. <i>Progress in Precision Agriculture</i> , 2017, , 79-92.	1.1	6
11	A Comparison of Carbon Footprint and Production Cost of Different Pasta Products Based on Whole Egg and Pea Flour. <i>Foods</i> , 2016, 5, 17.	4.3	13
12	Comparative Advantage of Maize- and Grass-Silage Based Feedstock for Biogas Production with Respect to Greenhouse Gas Mitigation. <i>Sustainability</i> , 2016, 8, 617.	3.2	18
13	Risk efficiency of irrigation to cereals in northeast Germany with respect to nitrogen fertilizer. <i>Agricultural Systems</i> , 2016, 149, 132-138.	6.1	9
14	Effects of irrigation and nitrogen fertilization on the greenhouse gas emissions of a cropping system on a sandy soil in northeast Germany. <i>European Journal of Agronomy</i> , 2016, 81, 117-128.	4.1	36
15	Effects of nitrogen fertilization and irrigation on N ₂ O emissions from a sandy soil in Germany. <i>Archives of Agronomy and Soil Science</i> , 2015, 61, 569-580.	2.6	4
16	Effects of different biochars and digestate on N ₂ O fluxes under field conditions. <i>Science of the Total Environment</i> , 2015, 524-525, 310-318.	8.0	33
17	Carbon footprints of crops from organic and conventional arable crop rotations “ using a life cycle assessment approach. <i>Journal of Cleaner Production</i> , 2014, 64, 609-618.	9.3	123
18	Greenhouse gas mitigation with scarce land: The potential contribution of increased nitrogen input. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2013, 18, 921-932.	2.1	8

#	ARTICLE	IF	CITATIONS
19	Greenhouse gas mitigation potential of a second generation energy production system from short rotation poplar in Eastern Germany and its accompanied uncertainties. <i>Biomass and Bioenergy</i> , 2013, 56, 104-115.	5.7	5
20	Energy balances, greenhouse gas emissions and economics of biochar production from palm oil empty fruit bunches. <i>Resources, Conservation and Recycling</i> , 2013, 77, 108-115.	10.8	105
21	Irrigation, soil organic carbon and N ₂ O emissions. A review. <i>Agronomy for Sustainable Development</i> , 2013, 33, 733-749.	5.3	200
22	Impact of uncertainties on greenhouse gas mitigation potential of biogas production from agricultural resources. <i>Renewable Energy</i> , 2012, 37, 277-284.	8.9	115
23	Analyzing the effects of risk and uncertainty on optimal tillage and nitrogen fertilizer intensity for field crops in Germany. <i>Agricultural Systems</i> , 2011, 104, 615-622.	6.1	31
24	Spatial econometric analysis of a field-scale site-specific nitrogen fertilizer experiment on wheat (<i>Triticum aestivum</i> L.) yield and quality. <i>Computers and Electronics in Agriculture</i> , 2010, 74, 73-79.	7.7	15
25	Optimal site-specific fertilization and harvesting strategies with respect to crop yield and quality response to nitrogen. <i>Agricultural Systems</i> , 2010, 103, 478-485.	6.1	37
26	Tillage and Fertilizer Effects on Yield, Profitability, and Risk in a Corn-Wheat-Potato-Wheat Rotation. <i>Agronomy Journal</i> , 2009, 101, 1538-1547.	1.8	15
27	Impact of Tillage and Rotation on Yield and Economic Performance in Corn-Based Cropping Systems. <i>Agronomy Journal</i> , 2006, 98, 1204-1212.	1.8	58
28	Cost efficient rotation and tillage options to sequester carbon and mitigate GHG emissions from agriculture in Eastern Canada. <i>Agriculture, Ecosystems and Environment</i> , 2006, 117, 119-127.	5.3	57
29	Agriculture's Likely Role in Meeting Canada's Kyoto Commitments*. <i>Canadian Journal of Agricultural Economics</i> , 2005, 53, 425-441.	2.1	6
30	Economic and environmental analysis of sustainable farming practices – a Bavarian case study. <i>Agricultural Systems</i> , 2005, 86, 190-206.	6.1	51
31	Consideration of biotic nature conservation targets in agricultural land use – a case study from the Biosphere Reserve Schorfheide-Chorin. <i>Agriculture, Ecosystems and Environment</i> , 2003, 98, 529-539.	5.3	7
32	Developing agricultural land use strategies appropriate to nature conservation goals and environmental protection. <i>Landscape and Urban Planning</i> , 1998, 41, 119-127.	7.5	25