Annette Prochnow

List of Publications by Year in descending order

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30	833	516215 16	476904 29
papers	citations	h-index	g-index

32	32	32	1306
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-advantageous sorghum as feedstock for biogas production: A comparison between single-stage and two-stage anaerobic digestion systems.. Journal of Cleaner Production, 2022, 358, 131985.	4.6	10
2	Greenhouse gas emissions from broiler manure treatment options are lowest in well-managed biogas production. Journal of Cleaner Production, 2021, 280, 124969.	4.6	28
3	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. Water (Switzerland), 2021, 13, 1958.	1.2	3
4	The Future Agricultural Biogas Plant in Germany: A Vision. Energies, 2019, 12, 396.	1.6	123
5	Rainfall interception by winter rapeseed in Brandenburg (Germany) under various nitrogen fertilization treatments. Agricultural and Forest Meteorology, 2019, 268, 308-317.	1.9	11
6	Process Disturbances in Agricultural Biogas Productionâ€"Causes, Mechanisms and Effects on the Biogas Microbiome: A Review. Energies, 2019, 12, 365.	1.6	60
7	Appropriateness of on-combine moisture measurement for the management of harvesting and postharvest operations and capacity planning in grain harvest. Biosystems Engineering, 2017, 156, 120-135.	1.9	17
8	Nitrous oxide emissions from winter oilseed rape cultivation. Agriculture, Ecosystems and Environment, 2017, 249, 57-69.	2.5	35
9	Assessing greenhouse gas emissions of milk production: which parameters are essential?. International Journal of Life Cycle Assessment, 2017, 22, 441-455.	2.2	19
10	Quantity- and Quality-Based Farm Water Productivity in Wine Production: Case Studies in Germany. Water (Switzerland), 2017, 9, 88.	1.2	5
11	Drinking and Cleaning Water Use in a Dairy Cow Barn. Water (Switzerland), 2016, 8, 302.	1.2	14
12	Resource Usage Strategies and Trade-Offs between Cropland Demand, Fossil Fuel Consumption, and Greenhouse Gas Emissionsâ€"Building Insulation as an Example. Sustainability, 2016, 8, 613.	1.6	4
13	Comparative Advantage of Maize- and Grass-Silage Based Feedstock for Biogas Production with Respect to Greenhouse Gas Mitigation. Sustainability, 2016, 8, 617.	1.6	18
14	CUDeâ€"Carbon Utilization Degree as an Indicator for Sustainable Biomass Use. Sustainability, 2016, 8, 1028.	1.6	3
15	Profitability of Management Systems on German Fenlands. Sustainability, 2016, 8, 1103.	1.6	1
16	Effects of irrigation and nitrogen fertilization on the greenhouse gas emissions of a cropping system on a sandy soil in northeast Germany. European Journal of Agronomy, 2016, 81, 117-128.	1.9	36
17	Irrigation water demand of selected agricultural crops in Germany between 1902 and 2010. Science of the Total Environment, 2016, 569-570, 1299-1314.	3.9	28
18	Farm water productivity in broiler production: case studies in Brazil. Journal of Cleaner Production, 2016, 135, 9-19.	4.6	22

#	Article	IF	Citations
19	Energy balance, greenhouse gas emissions, and profitability of thermobarical pretreatment of cattle waste in anaerobic digestion. Waste Management, 2016, 49, 390-410.	3.7	24
20	Water productivity of poultry production: the influence of different broiler fattening systems. Food and Energy Security, 2015, 4, 76-85.	2.0	11
21	Effects of nitrogen fertilization and irrigation on N2O emissions from a sandy soil in Germany. Archives of Agronomy and Soil Science, 2015, 61, 569-580.	1.3	4
22	Does climate change affect period, available field time and required capacities for grain harvesting in Brandenburg, Germany?. Agricultural and Forest Meteorology, 2015, 203, 43-53.	1.9	9
23	The influence of dairy management strategies on water productivity of milk production. Agricultural Water Management, 2015, 147, 175-186.	2.4	18
24	Nitrous oxide emissions from potato cropping under drip-fertigation in eastern Germany. Archives of Agronomy and Soil Science, 2014, 60, 1519-1531.	1.3	6
25	Greenhouse gas mitigation with scarce land: The potential contribution of increased nitrogen input. Mitigation and Adaptation Strategies for Global Change, 2013, 18, 921-932.	1.0	8
26	Greenhouse gas mitigation potential of a second generation energy production system from short rotation poplar in Eastern Germany and its accompanied uncertainties. Biomass and Bioenergy, 2013, 56, 104-115.	2.9	5
27	Irrigation, soil organic carbon and N2O emissions. A review. Agronomy for Sustainable Development, 2013, 33, 733-749.	2.2	200
28	Water use indicators at farm scale: methodology and case study. Food and Energy Security, 2012, 1, 29-46.	2.0	26
29	Energy balances and greenhouse gas emissions of palm oil biodiesel in <scp>I</scp>ndonesia. GCB Bioenergy, 2012, 4, 213-228.	2.5	52
30	Concepts and profitability of biogas production from landscape management grass. Bioresource Technology, 2011, 102, 2086-2092.	4.8	32