Moritz Wagner

List of Publications by Year
in descending order

23	966	516710 16	610901 24
papers	citations	h-index	g-index

24	24	24	971
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Progress on Optimizing Miscanthus Biomass Production for the European Bioeconomy: Results of the EU FP7 Project OPTIMISC. Frontiers in Plant Science, 2016, 7, 1620.	3.6	160
2	Progress in upscaling Miscanthus biomass production for the European bioâ€economy with seedâ€based hybrids. GCB Bioenergy, 2017, 9, 6-17.	5.6	156
3	Prospects of Bioenergy Cropping Systems for A More Social-Ecologically Sound Bioeconomy. Agronomy, 2019, 9, 605.	3.0	89
4	Life cycle assessment of ethanol production from miscanthus: A comparison of production pathways at two European sites. GCB Bioenergy, 2019, 11, 269-288.	5.6	70
5	Economic and Environmental Assessment of Seed and Rhizome Propagated Miscanthus in the UK. Frontiers in Plant Science, 2017, 8, 1058.	3.6	66
6	Economic and environmental performance of miscanthus cultivated on marginal land for biogas production. GCB Bioenergy, 2019, 11, 34-49.	5.6	65
7	Environmental Performance of Miscanthus, Switchgrass and Maize: Can C4 Perennials Increase the Sustainability of Biogas Production?. Sustainability, 2017, 9, 5.	3.2	57
8	Relevance of environmental impact categories for perennial biomass production. GCB Bioenergy, 2017, 9, 215-228.	5.6	36
9	Site-Specific Management of Miscanthus Genotypes for Combustion and Anaerobic Digestion: A Comparison of Energy Yields. Frontiers in Plant Science, 2017, 8, 347.	3.6	34
10	Comparative environmental and economic life cycle assessment of biogas production from perennial wild plant mixtures and maize (Zea mays L.) in southwest Germany. GCB Bioenergy, 2020, 12, 571-585.	5.6	29
11	Harvest Time Optimization for Combustion Quality of Different Miscanthus Genotypes across Europe. Frontiers in Plant Science, 2017, 8, 727.	3.6	27
12	Novel Miscanthus Germplasm-Based Value Chains: A Life Cycle Assessment. Frontiers in Plant Science, 2017, 8, 990.	3.6	24
13	Potential tradeâ€offs of employing perennial biomass crops for the bioeconomy in the EU by 2050: Impacts on agricultural markets in the EU and the world. GCB Bioenergy, 2019, 11, 483-504.	5.6	21
14	Comparative life cycle assessment of bioâ€based insulation materials: Environmental and economic performances. GCB Bioenergy, 2021, 13, 979-998.	5.6	19
15	Bridging the Gap Between Biofuels and Biodiversity Through Monetizing Environmental Services of Miscanthus Cultivation. Earth's Future, 2020, 8, .	6.3	18
16	Lignocellulosic ethanol production combined with CCSâ€”A study of GHG reductions and potential environmental tradeâ€offs. GCB Bioenergy, 2021, 13, 336-347.	5.6	18
17	Optimizing GHG emission and energy-saving performance of miscanthus-based value chains. Biomass Conversion and Biorefinery, 2017, 7, 139-152.	4.6	17
18	Perennial rhizomatous grasses: Can they really increase species richness and abundance in arable land?â€”A metaâ€analysis. GCB Bioenergy, 2020, 12, 968-978.	5.6	14

#	Article	IF	Citations
19	Social Aspects in the Assessment of Biobased Value Chains. Sustainability, 2020, 12, 9843.	3.2	12
20	A parsimonious model for calculating the greenhouse gas emissions of miscanthus cultivation using current commercial practice in the United Kingdom. GCB Bioenergy, 2021, 13, 1087-1098.	5.6	12
21	Potential of a short rotation coppice poplar as a feedstock for platform chemicals and lignin-based building blocks. Industrial Crops and Products, 2018, 123, 698-706.	5.2	10
22	CO2 Footprint of the Seeds of Rubber (Hevea brasiliensis) as a Biodiesel Feedstock Source. Forests, 2018, 9, 548.	2.1	6
23	Environmental and Economic Performance of Yacon (Smallanthus sonchifolius) Cultivated for Fructooligosaccharide Production. Sustainability, 2019, 11, 4581.	3.2	5