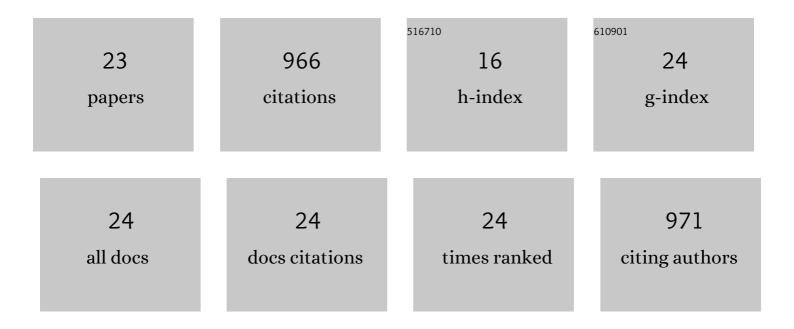
## Moritz Wagner

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1161791/publications.pdf Version: 2024-02-01



| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Lignocellulosic ethanol production combined with CCS—A study of GHG reductions and potential environmental tradeâ€offs. GCB Bioenergy, 2021, 13, 336-347.  | 5.6 | 18        |
| 2  | Comparative life cycle assessment of bioâ€based insulation materials: Environmental and economic performances. GCB Bioenergy, 2021, 13, 979-998.   | 5.6 | 19        |
| 3  | 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        |
| 4  | Perennial rhizomatous grasses: Can they really increase species richness and abundance in arable<br>land?—A metaâ€analysis. GCB Bioenergy, 2020, 12, 968-978.  | 5.6 | 14        |
| 5  | Bridging the Gap Between Biofuels and Biodiversity Through Monetizing Environmental Services of<br><i>Miscanthus</i> Cultivation. Earth's Future, 2020, 8, .   | 6.3 | 18        |
| 6  | Social Aspects in the Assessment of Biobased Value Chains. Sustainability, 2020, 12, 9843.   | 3.2 | 12        |
| 7  | Comparative environmental and economic life cycle assessment of biogas production from perennial<br>wild plant mixtures and maize ( <i>Zea mays</i> L.) in southwest Germany. GCB Bioenergy, 2020, 12,<br>571-585. | 5.6 | 29        |
| 8  | Prospects of Bioenergy Cropping Systems for A More Social-Ecologically Sound Bioeconomy.<br>Agronomy, 2019, 9, 605.  | 3.0 | 89        |
| 9  | Environmental and Economic Performance of Yacon (Smallanthus sonchifolius) Cultivated for<br>Fructooligosaccharide Production. Sustainability, 2019, 11, 4581.   | 3.2 | 5         |
| 10 | Life cycle assessment of ethanol production from miscanthus: A comparison of production pathways<br>at two European sites. GCB Bioenergy, 2019, 11, 269-288.   | 5.6 | 70        |
| 11 | Potential tradeâ€offs of employing perennial biomass crops for the bioeconomy in the EU by 2050:<br>Impacts on agricultural markets in the EU and the world. GCB Bioenergy, 2019, 11, 483-504.                     | 5.6 | 21        |
| 12 | Economic and environmental performance of miscanthus cultivated on marginal land for biogas production. GCB Bioenergy, 2019, 11, 34-49.  | 5.6 | 65        |
| 13 | 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        |
| 14 | CO2 Footprint of the Seeds of Rubber (Hevea brasiliensis) as a Biodiesel Feedstock Source. Forests,<br>2018, 9, 548.   | 2.1 | 6         |
| 15 | Relevance of environmental impact categories for perennial biomass production. GCB Bioenergy, 2017, 9, 215-228.  | 5.6 | 36        |
| 16 | Progress in upscaling <i>Miscanthus</i> biomass production for the European bioâ€economy with seedâ€based hybrids. GCB Bioenergy, 2017, 9, 6-17.   | 5.6 | 156       |
| 17 | Optimizing GHG emission and energy-saving performance of miscanthus-based value chains. Biomass<br>Conversion and Biorefinery, 2017, 7, 139-152.   | 4.6 | 17        |
| 18 | Site-Specific Management of Miscanthus Genotypes for Combustion and Anaerobic Digestion: A<br>Comparison of Energy Yields. Frontiers in Plant Science, 2017, 8, 347.   | 3.6 | 34        |

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|----|--|-----|-----------|
| 19 | Harvest Time Optimization for Combustion Quality of Different Miscanthus Genotypes across Europe.<br>Frontiers in Plant Science, 2017, 8, 727.                       | 3.6 | 27        |
| 20 | Novel Miscanthus Germplasm-Based Value Chains: A Life Cycle Assessment. Frontiers in Plant Science, 2017, 8, 990.  | 3.6 | 24        |
| 21 | Economic and Environmental Assessment of Seed and Rhizome Propagated Miscanthus in the UK.<br>Frontiers in Plant Science, 2017, 8, 1058.                             | 3.6 | 66        |
| 22 | Environmental Performance of Miscanthus, Switchgrass and Maize: Can C4 Perennials Increase the Sustainability of Biogas Production?. Sustainability, 2017, 9, 5.     | 3.2 | 57        |
| 23 | 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       |