# Marc Corbeels

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6264414/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 24<br>papers | 3,482<br>citations | 471509<br>17<br>h-index | 642732<br>23<br>g-index |
| 24<br>all docs | 24<br>docs citations | 24<br>times ranked | 3825<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Conservation agriculture and smallholder farming in Africa: The hereticsâ€™ view. Field Crops Research, 2009, 114, 23-34. | 5.1 | 1,021 |
| 2 | How do various maize crop models vary in their responses to climate change factors?. Global Change Biology, 2014, 20, 2301-2320. | 9.5 | 525 |
| 3 | A meta-analysis of long-term effects of conservation agriculture on maize grain yield under rain-fed conditions. Agronomy for Sustainable Development, 2011, 31, 657-673. | 5.3 | 340 |
| 4 | Beyond conservation agriculture. Frontiers in Plant Science, 2015, 6, 870. | 3.6 | 269 |
| 5 | The farm-level economics of conservation agriculture for resource-poor farmers. Agriculture, Ecosystems and Environment, 2014, 187, 52-64. | 5.3 | 178 |
| 6 | Understanding the impact and adoption of conservation agriculture in Africa: A multi-scale analysis. Agriculture, Ecosystems and Environment, 2014, 187, 155-170. | 5.3 | 176 |
| 7 | Conservation agriculture cropping systems in temperate and tropical conditions, performances and impacts. A review. Agronomy for Sustainable Development, 2013, 33, 113-130. | 5.3 | 167 |
| 8 | Agro-ecological functions of crop residues under conservation agriculture. A review. Agronomy for Sustainable Development, 2017, 37, 1. | 5.3 | 129 |
| 9 | Modelling crop residue mulching effects on water use and production of maize under semi-arid and humid tropical conditions. Agronomy for Sustainable Development, 2004, 24, 383-395. | 0.8 | 121 |
| 10 | The 4 per 1000 goal and soil carbon storage under agroforestry and conservation agriculture systems in sub-Saharan Africa. Soil and Tillage Research, 2019, 188, 16-26. | 5.6 | 96 |
| 11 | Performance and sensitivity of the DSSAT crop growth model in simulating maize yield under conservation agriculture. European Journal of Agronomy, 2016, 76, 41-53. | 4.1 | 80 |
| 12 | A global overview of studies about land management, landâ€use change, and climate change effects on soil organic carbon. Global Change Biology, 2022, 28, 1690-1702. | 9.5 | 69 |
| 13 | Modelling climate change impacts on maize yields under low nitrogen input conditions in subâ€Saharan Africa. Global Change Biology, 2020, 26, 5942-5964. | 9.5 | 60 |
| 14 | Agronomic performance of no-tillage relay intercropping with maize under smallholder conditions in Central Brazil. Field Crops Research, 2011, 124, 240-251. | 5.1 | 58 |
| 15 | Limits of conservation agriculture to overcome low crop yields in sub-Saharan Africa. Nature Food, 2020, 1, 447-454. | 14.0 | 52 |
| 16 | Modelling cereal crops to assess future climate risk for family food self-sufficiency in southern Mali. Field Crops Research, 2017, 201, 133-145. | 5.1 | 48 |
| 17 | Evaluation of climate adaptation options for Sudano-Sahelian cropping systems. Field Crops Research, 2014, 156, 63-75. | 5.1 | 28 |
| 18 | DOES SIZE MATTER? A CRITICAL REVIEW OF META-ANALYSIS IN AGRONOMY. Experimental Agriculture, 2019, 55, 200-229. | 0.9 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A wellâ€established fact: Rapid mineralization of organic inputs is an important factor for soil carbon sequestration. European Journal of Soil Science, 2022, 73, . | 3.9 | 15 |
| 20 | Maize relay intercropping with fodder crops for small-scale farmers in central Brazil. Experimental Agriculture, 2020, 56, 561-573. | 0.9 | 11 |
| 21 | A global database of land management, land-use change and climate change effects on soil organic carbon. Scientific Data, 2022, 9, . | 5.3 | 9 |
| 22 | Sustaining maize yields and soil carbon following land clearing in the forestâ€“savannah transition zone of West Africa: Results from a 20-year experiment. Field Crops Research, 2022, 275, 108335. | 5.1 | 8 |
| 23 | Participatory multicriteria assessment of maize cropping systems in the context of family farmers in the Brazilian Cerrado. International Journal of Agricultural Sustainability, 2020, 18, 410-426. | 3.5 | 5 |
| 24 | Effect of Savanna windrow wood burning on the spatial variability of soil properties. Pesquisa Agropecuaria Tropical, 0, 51, . | 1.0 | 0 |