

# Daisy literature

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This note is intended to provide an overview of papers that concerns Daisy. The papers are listed up to three times, first organized by type, then organized by subject area, and finally organized by funding project. The papers are listed in reverse chronological order. Only papers that represent a significant deployment or development of the model are included. Still, most papers are likely missing. Please send missing references to [daisy@daisy-model.dk](mailto:daisy@daisy-model.dk).

## Overview by type

### Peer reviewed articles

- Holbak, M., P. Abrahamsen, S. Hansen, and E. Diamantopoulos (2023). “A physically based model for preferential water flow and solute transport in drained agricultural fields.” en. In: *Water Resources Research* 57.3 (), e2020WR027954. ISSN: 1944-7973. DOI: <https://doi.org/10.1029/2020WR027954>. URL: <https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2020WR027954> (visited on 05/16/2023).
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- Motarjemi, Saghar K., Merete E. Styczen, Rasmus J. Petersen, Kasper J. S. Jensen, and Finn Plauborg (Jan. 2023). “Effects of different drainage conditions on nitrogen losses of an agricultural sandy loam soil.” en. In: *Journal of Environmental Management* 325, p. 116267. ISSN: 0301-4797. DOI: [10.1016/j.jenvman.2022.116267](https://doi.org/10.1016/j.jenvman.2022.116267). URL: <https://www.sciencedirect.com/science/article/pii/S0301479722018400> (visited on 05/16/2023).
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- Holbak, M., P. Abrahamsen, and E. Diamantopoulos (2022). “Modeling Preferential Water Flow and Pesticide Leaching to Drainpipes: The Effect of Drain-Connecting and Matrix-Terminating Biopores.” en. In: *Water Resources Research* 58.7, e2021WR031608. ISSN: 1944-7973. DOI: 10.1029/2021WR031608. URL: <https://onlinelibrary.wiley.com/doi/abs/10.1029/2021WR031608> (visited on 05/16/2023).
- Plauborg, Finn, Saghar K. Motarjemi, David Nagy, and Zhenjiang Zhou (Feb. 2022). “Analysing potato response to subsurface drip irrigation and nitrogen fertigation regimes in a temperate environment using the Daisy model.” en. In: *Field Crops Research* 276, p. 108367. ISSN: 0378-4290. DOI: 10.1016/j.fcr.2021.108367. URL: <https://www.sciencedirect.com/science/article/pii/S0378429021003130> (visited on 05/31/2022).
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## Overview by subject

Daisy literature divided by subject. As some papers covers multiple subjects, there will be some overlap.

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