

Merete Styczen

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,612
citations

858243

12
h-index

591227

27
g-index

29
all docs

29
docs citations

29
times ranked

2125
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Scenario analysis using the Daisy model to assess and mitigate nitrate leaching from complex agro-environmental settings in Denmark. <i>Science of the Total Environment</i> , 2022, 816, 151518. | 3.9 | 2 |
| 2 | Adequacy of nitrogen-based indicators for assessment of cropping system performance: A modelling study of Danish scenarios. <i>Science of the Total Environment</i> , 2022, 842, 156927. | 3.9 | 4 |
| 3 | Yield and development of winter wheat (<i>Triticum aestivum</i> L.) and spring barley (<i>Hordeum vulgare</i>) in field experiments with variable weather and drainage conditions. <i>European Journal of Agronomy</i> , 2021, 122, 126075. | 1.9 | 8 |
| 4 | A simulation of variable rate nitrogen application in winter wheat with soil and sensor information - An economic feasibility study. <i>Agricultural Systems</i> , 2021, 192, 103147. | 3.2 | 10 |
| 5 | Long-term analysis from a cropping system perspective: Yield stability, environmental adaptability, and production risk of winter barley. <i>European Journal of Agronomy</i> , 2020, 117, 126056. | 1.9 | 26 |
| 6 | Model analysis of the significant drop in protein content in Danish grain crops from 1990-2015. <i>European Journal of Agronomy</i> , 2020, 118, 126068. | 1.9 | 12 |
| 7 | Effects of winter wheat N status on assimilate and N partitioning in the mechanistic agroecosystem model DAISY. <i>Journal of Agronomy and Crop Science</i> , 2020, 206, 784-805. | 1.7 | 12 |
| 8 | Analysis of the significant drop in protein content in Danish grain crops from 1990-2015 based on N-response in fertilizer trials. <i>European Journal of Agronomy</i> , 2020, 115, 126013. | 1.9 | 9 |
| 9 | How will future climate depending agronomic management impact the yield risk of wheat cropping systems? A regional case study of Eastern Denmark. <i>Journal of Agricultural Science</i> , 2020, 158, 660-675. | 0.6 | 8 |
| 10 | Daisy: Model Use, Calibration, and Validation. <i>Transactions of the ASABE</i> , 2012, 55, 1317-1335. | 1.1 | 144 |
| 11 | Distribution of Bromide and Microspheres along Macropores in and between Drain Trenches. <i>Vadose Zone Journal</i> , 2011, 10, 345-353. | 1.3 | 25 |
| 12 | Agricultural Systems. <i>Applied Ecology and Environmental Management</i> , 2011, , 203-239. | 0.1 | 2 |
| 13 | Macroscopic Evidence of Sources of Particles for Facilitated Transport during Intensive Rain. <i>Vadose Zone Journal</i> , 2011, 10, 1151-1161. | 1.3 | 11 |
| 14 | Evaluation of Sampling Strategies for Pesticides in a Macroporous Sandy Loam Soil. <i>Soil and Sediment Contamination</i> , 2011, 20, 986-994. | 1.1 | 3 |
| 15 | Kinetics of Glyphosate Desorption from Mobilized Soil Particles. <i>Soil Science Society of America Journal</i> , 2011, 75, 434-443. | 1.2 | 11 |
| 16 | Field Study of Preferential Flow Pathways in and between Drain Trenches. <i>Vadose Zone Journal</i> , 2010, 9, 1073-1079. | 1.3 | 32 |
| 17 | Management model for decision support when applying low quality water in irrigation. <i>Agricultural Water Management</i> , 2010, 98, 472-481. | 2.4 | 23 |
| 18 | An integrated and physically based nitrogen cycle catchment model. <i>Hydrology Research</i> , 2009, 40, 347-363. | 1.1 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Particle-facilitated Pesticide Leaching from Differently Structured Soil Monoliths. Journal of Environmental Quality, 2009, 38, 2382-2393. | 1.0 | 40 |
| 20 | Challenges in modelling dissolved organic matter dynamics in agricultural soil using DAISY. Soil Biology and Biochemistry, 2008, 40, 1506-1518. | 4.2 | 38 |
| 21 | Sorption and Fractionation of Dissolved Organic Matter and Associated Phosphorus in Agricultural Soil. Journal of Environmental Quality, 2007, 36, 753-763. | 1.0 | 11 |
| 22 | Development of a Tool for Estimation of Pesticide Occurrence in Surface Water Under Danish Conditions. International Journal of Environmental Analytical Chemistry, 2002, 82, 611-630. | 1.8 | 3 |
| 23 | Comment on "Statistical and physical analysis of soil detachment by raindrop impact: Rain erosivity indices and threshold energy" by C. Salles, J. Poesen, and G. Govers. Water Resources Research, 2002, 38, 2-1-2-2. | 1.7 | 1 |
| 24 | Reply to discussion on "The European Soil Erosion Model (EUROSEM): a dynamic approach for predicting sediment transport from fields and small catchments". Earth Surface Processes and Landforms, 1999, 24, 567-568. | 1.2 | 14 |
| 25 | The European Soil Erosion Model (EUROSEM): a dynamic approach for predicting sediment transport from fields and small catchments. Earth Surface Processes and Landforms, 1998, 23, 527-544. | 1.2 | 1,041 |
| 26 | Models and scale aspect. Environment & Policy, 1995, , 141-200. | 0.4 | 0 |
| 27 | Modelling of N-movements on catchment scale - a tool for analysis and decision making. Fertilizer Research, 1993, 36, 1-6. | 0.5 | 59 |
| 28 | Modelling of N-movements on catchment scale - a tool for analysis and decision making. Fertilizer Research, 1993, 36, 7-17. | 0.5 | 33 |