

Sabine Julia Seidel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8752663/publications.pdf>

Version: 2024-02-01

20
papers

725
citations

623574

14
h-index

752573

20
g-index

21
all docs

21
docs citations

21
times ranked

1092
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of deep tillage on crop yield – What do we really know?. Soil and Tillage Research, 2017, 174, 193-204.	2.6	210
2	Towards improved calibration of crop models – Where are we now and where should we go?. European Journal of Agronomy, 2018, 94, 25-35.	1.9	113
3	Approaches to model the impact of tillage implements on soil physical and nutrient properties in different agro-ecosystem models. Soil and Tillage Research, 2018, 180, 210-221.	2.6	43
4	Implementation and Application of a Root Growth Module in HYDRUS. Vadose Zone Journal, 2018, 17, 1-16.	1.3	42
5	Analysis of AET and yield predictions under surface and buried drip irrigation systems using the Crop Model PILOTE and Hydrus-2D. Agricultural Water Management, 2011, 98, 1033-1044.	2.4	41
6	Root trait plasticity and plant nutrient acquisition in phosphorus limited soil. Journal of Plant Nutrition and Soil Science, 2019, 182, 945-952.	1.1	36
7	The chaos in calibrating crop models: Lessons learned from a multi-model calibration exercise. Environmental Modelling and Software, 2021, 145, 105206.	1.9	31
8	How well do crop modeling groups predict wheat phenology, given calibration data from the target population?. European Journal of Agronomy, 2021, 124, 126195.	1.9	27
9	Field Evaluation of Irrigation Scheduling Strategies using a Mechanistic Crop Growth Model. Irrigation and Drainage, 2016, 65, 214-223.	0.8	22
10	Modelling the impact of drought and heat stress on common bean with two different photosynthesis model approaches. Environmental Modelling and Software, 2016, 81, 111-121.	1.9	22
11	Deep Learning for Non-Invasive Diagnosis of Nutrient Deficiencies in Sugar Beet Using RGB Images. Sensors, 2020, 20, 5893.	2.1	22
12	Impact of irrigation on plant growth and development of white cabbage. Agricultural Water Management, 2017, 187, 99-111.	2.4	19
13	Multi-model evaluation of phenology prediction for wheat in Australia. Agricultural and Forest Meteorology, 2021, 298-299, 108289.	1.9	17
14	Optimal Irrigation Scheduling, Irrigation Control and Drip Line Layout to Increase Water Productivity and Profit in Subsurface Drip-Irrigated Agriculture. Irrigation and Drainage, 2015, 64, 501-518.	0.8	16
15	Sugar Beet Shoot and Root Phenotypic Plasticity to Nitrogen, Phosphorus, Potassium and Lime Omission. Agriculture (Switzerland), 2021, 11, 21.	1.4	16
16	Nutrient supply affects the yield stability of major European crops – a 50 year study. Environmental Research Letters, 2021, 16, 014003.	2.2	15
17	The influence of climate variability, soil and sowing date on simulation-based crop coefficient curves and irrigation water demand. Agricultural Water Management, 2019, 221, 73-83.	2.4	13
18	Investigation of deficit irrigation strategies combining SVAT-modeling, optimization and experiments. Environmental Earth Sciences, 2014, 72, 4901-4915.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Irrigation water demand of common bean on field and regional scale under varying climatic conditions. <i>Meteorologische Zeitschrift</i> , 2016, 25, 365-375.	0.5	4
20	EVALUATION OF THE TRANSFERABILITY OF A SVAT MODEL“RESULTS FROM FIELD AND GREENHOUSE APPLICATIONS. <i>Irrigation and Drainage</i> , 2011, 60, 59-70.	0.8	3