

Christian Dold

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

902
citations

1040056

9
h-index

888059

17
g-index

27
all docs

27
docs citations

27
times ranked

1348
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-Use Efficiency: Advances and Challenges in a Changing Climate. <i>Frontiers in Plant Science</i> , 2019, 10, 103.	3.6	471
2	From the Ground to Space: Using Solar-Induced Chlorophyll Fluorescence to Estimate Crop Productivity. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087474.	4.0	75
3	Disentangling Changes in the Spectral Shape of Chlorophyll Fluorescence: Implications for Remote Sensing of Photosynthesis. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1491-1507.	3.0	73
4	Long-term carbon uptake of agro-ecosystems in the Midwest. <i>Agricultural and Forest Meteorology</i> , 2017, 232, 128-140.	4.8	63
5	Agroclimatology and Wheat Production: Coping with Climate Change. <i>Frontiers in Plant Science</i> , 2018, 9, 224.	3.6	47
6	Cropping pattern changes diminish agroecosystem services in North and South Dakota, USA. <i>Agronomy Journal</i> , 2020, 112, 1-24.	1.8	39
7	Applications of Vegetative Indices from Remote Sensing to Agriculture: Past and Future. <i>Inventions</i> , 2019, 4, 71.	2.5	26
8	Carbon sequestration and nitrogen uptake in a temperate silvopasture system. <i>Nutrient Cycling in Agroecosystems</i> , 2019, 114, 85-98.	2.2	25
9	Impact of Management Practices on Carbon and Water Fluxes in Corn-Soybean Rotations. , 2019, 2, 1-8.		17
10	Net-Zero CO ₂ Germany – A Retrospect From the Year 2050. <i>Earth's Future</i> , 2022, 10, .	6.3	14
11	Upscaling Evapotranspiration with Parsimonious Models in a North Carolina Vineyard. <i>Agronomy</i> , 2019, 9, 152.	3.0	8
12	Long-Term Application of the Crop Water Stress Index in Midwest Agro-Ecosystems. <i>Agronomy Journal</i> , 2017, 109, 2172-2181.	1.8	7
13	Carbon and nitrogen accumulation within four black walnut alley cropping sites across Missouri and Arkansas, USA. <i>Agroforestry Systems</i> , 2020, 94, 1625-1638.	2.0	7
14	Biomass and quality changes of forages along land use and soil type gradients in the riparian zone of Lake Naivasha, Kenya. <i>Ecological Indicators</i> , 2015, 49, 169-177.	6.3	6
15	Measured and Simulated Carbon Dynamics in Midwestern U.S. Corn-Soybean Rotations. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006685.	4.9	6
16	Why is SOIL ORGANIC MATTER so important?. <i>Crops & Soils</i> , 2018, 51, 4-55.	0.2	5
17	Upscaling Gross Primary Production in Corn-Soybean Rotation Systems in the Midwest. <i>Remote Sensing</i> , 2019, 11, 1688.	4.0	5
18	Photosynthesis in the solar corridor system. , 2019, , 1-33.		3

#	ARTICLE	IF	CITATIONS
19	Climate Variability Effects on Agriculture Land Use and Soil Services. , 2017, , 25-50.		2
20	Hydraulic Deepâ€Core Sampling Affects Bulk Density and Carbon Stock Measurements. Agricultural and Environmental Letters, 2018, 3, 180007.	1.2	2
21	Shortâ€term effects of nitrogen source on soil properties and plant growth. , 2021, 4, e20176.		1
22	Soil attributes and plant production changes in a tropical littoral wetland. Journal of Plant Nutrition and Soil Science, 2015, 178, 609-621.	1.9	0
23	Biological Linkages to Climatology. Agronomy, 2018, , 153-171.	0.2	0
24	Agroecosystem models for delivering ecosystem services. Burleigh Dodds Series in Agricultural Science, 2019, , 355-382.	0.2	0