Marco Sozzi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1888405/publications.pdf

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21 papers	458 citations	1039880 9 h-index	1199470 12 g-index
21 all docs	21 docs citations	21 times ranked	329 citing authors

#	Article	IF	Citations
1	Automatic Bunch Detection in White Grape Varieties Using YOLOv3, YOLOv4, and YOLOv5 Deep Learning Algorithms. Agronomy, 2022, 12, 319.	1.3	114
2	Radiative transfer model inversion using high-resolution hyperspectral airborne imagery â€“ Retrieving maize LAI to access biomass and grain yield. Field Crops Research, 2022, 282, 108449.	2.3	23
3	How many gigabytes per hectare are available in the digital agriculture era? A digitization footprint estimation. Computers and Electronics in Agriculture, 2022, 198, 107080.	3.7	40
4	wGrapeUNIPD-DL: An open dataset for white grape bunch detection. Data in Brief, 2022, 43, 108466.	0.5	5
5	Performance evaluation of automated implement for vineyard mechanical weed control. , 2021, , .		2
6	Ten years of corn yield dynamics at field scale under digital agriculture solutions: A case study from North Italy. Computers and Electronics in Agriculture, 2021, 185, 106126.	3.7	39
7	Land-Use Change and Bioenergy Production: Soil Consumption and Characterization of Anaerobic Digestion Plants. Energies, 2021, 14, 4001.	1.6	9
8	Evaluating the Spectral and Physiological Responses of Grapevines (Vitis vinifera L.) to Heat and Water Stresses under Different Vineyard Cooling and Irrigation Strategies. Agronomy, 2021, 11, 1940.	1.3	19
9	Economic Comparison of Satellite, Plane and UAV-Acquired NDVI Images for Site-Specific Nitrogen Application: Observations from Italy. Agronomy, 2021, 11, 2098.	1.3	30
10	Connectivity in rural areas: a case study on internet connection in the Italian agricultural areas. , 2021, , .		1
11	Assessing the Digitalization Footprint from Agricultural Fields on Required Data Storage Space. , 2021, , .		0
12	Evaluation of seeding unit equipped with shock absorber suspension on corn and sunflower. , 2021, , .		2
13	A GIS-Based Multicriteria Index to Evaluate the Mechanisability Potential of Italian Vineyard Area. Land, 2020, 9, 469.	1.2	16
14	A sample of Italian vineyards: Landscape and management parameters dataset. Data in Brief, 2020, 33, 106589.	0.5	7
15	Comparing vineyard imagery acquired from Sentinel-2 and Unmanned Aerial Vehicle (UAV) platform. Oeno One, 2020, 54, 189-197.	0.7	45
16	On-the-go variable rate fertilizer application on vineyard using a proximal spectral sensor. , 2020, , .		7
17	Evaluation of shadow effects in satellite images of vineyards with different row orientation. , 2019, , .		1
18	Monitoring Within-Field Variability of Corn Yield using Sentinel-2 and Machine Learning Techniques. Remote Sensing, 2019, 11, 2873.	1.8	86

#	Article	IF	Citations
19	Assessment of grapevine yield and quality using a canopy spectral index in white grape variety. , 2019, , .		10
20	Cost-effectiveness and performance of optical satellites constellation for Precision Agriculture. , 2019, , .		2
21	Patent trends in agricultural engineering. , 2018, , .		0