Alessia Cogato

List of Publications by Year
in descending order

15	410	1039880	1199470
papers	citations	9	12
		h-index	g-index

15	15	15	354
all docs	docs citations	times ranked	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	Extreme Weather Events in Agriculture: A Systematic Review. Sustainability, 2019, 11, 2547.	1.6	97
3	Challenges and Tendencies of Automatic Milking Systems (AMS): A 20-Years Systematic Review of Literature and Patents. Animals, 2021, 11, 356.	1.0	30
4	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
5	Assessing the Feasibility of Using Sentinel-2 Imagery to Quantify the Impact of Heatwaves on Irrigated Vineyards. Remote Sensing, 2019, 11, 2869.	1.8	29
6	New pedotransfer approaches to predict soil bulk density using WoSIS soil data and environmental covariates in Mediterranean agro-ecosystems. Science of the Total Environment, 2021, 780, 146609.	3.9	29
7	Medium-Resolution Multispectral Data from Sentinel-2 to Assess the Damage and the Recovery Time of Late Frost on Vineyards. Remote Sensing, 2020, 12, 1896.	1.8	19
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	A GIS-Based Multicriteria Index to Evaluate the Mechanisability Potential of Italian Vineyard Area. Land, 2020, 9, 469.	1.2	16
10	Analysis and impact of recent climate trends on grape composition in north-east Italy. BIO Web of Conferences, 2019, 13, 04014.	0.1	8
11	A sample of Italian vineyards: Landscape and management parameters dataset. Data in Brief, 2020, 33, 106589.	0.5	7
12	On-the-go variable rate fertilizer application on vineyard using a proximal spectral sensor. , 2020, , .		7
13	wGrapeUNIPD-DL: An open dataset for white grape bunch detection. Data in Brief, 2022, 43, 108466.	0.5	5
14	Patent trends in agricultural engineering. , 2018, , .		0
15	A 20-YEAR ANALYSIS OF THE EVOLUTION OF AUTOMATIC MILKING SYSTEMS: PROCESSES, TECHNOLOGIES AND LIVESTOCK ENVIRONMENT. , 0, , .		0