

Enrico Borgogno

List of Publications by Year in descending order

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79
papers

1,113
citations

393982

19
h-index

476904

29
g-index

83
all docs

83
docs citations

83
times ranked

1304
citing authors

#	ARTICLE	IF	CITATIONS
1	MODIS-derived EVI, NDVI and WDRVI time series to estimate phenological metrics in French deciduous forests. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 64, 132-144.	1.4	84
2	Gap disturbances and regeneration patterns in a Bosnian old-growth forest: a multispectral remote sensing and ground-based approach. <i>Annals of Forest Science</i> , 2012, 69, 617-625.	0.8	61
3	Evidences of drought stress as a predisposing factor to Scots pine decline in Valle d'Aosta (Italy). <i>European Journal of Forest Research</i> , 2012, 131, 989-1000.	1.1	54
4	Geomatics and EO Data to Support Wildlife Diseases Assessment at Landscape Level: A Pilot Experience to Map Infectious Keratoconjunctivitis in Chamois and Phenological Trends in Aosta Valley (NW Italy). <i>Remote Sensing</i> , 2020, 12, 3542.	1.8	47
5	Correcting MODIS 16-day composite NDVI time-series with actual acquisition dates. <i>European Journal of Remote Sensing</i> , 2014, 47, 285-305.	1.7	44
6	A comparison between multispectral aerial and satellite imagery in precision viticulture. <i>Precision Agriculture</i> , 2018, 19, 195-217.	3.1	41
7	Site Selection of Large Ground-Mounted Photovoltaic Plants: A GIS Decision Support System and an Application to Italy. <i>International Journal of Green Energy</i> , 2015, 12, 515-525.	2.1	40
8	Exploring Short-Term Climate Change Effects on Rangelands and Broad-Leaved Forests by Free Satellite Data in Aosta Valley (Northwest Italy). <i>Climate</i> , 2021, 9, 47.	1.2	35
9	A fast operative method for NDVI uncertainty estimation and its role in vegetation analysis. <i>European Journal of Remote Sensing</i> , 2016, 49, 137-156.	1.7	34
10	Preliminary considerations about costs and potential market of remote sensing from UAV in the Italian viticulture context. <i>European Journal of Remote Sensing</i> , 2017, 50, 310-319.	1.7	32
11	Soil quality and landscape metrics as driving factors in a multi-criteria GIS procedure for peri-urban land use planning. <i>Urban Forestry and Urban Greening</i> , 2015, 14, 743-750.	2.3	31
12	A Possible Role of Copernicus Sentinel-2 Data to Support Common Agricultural Policy Controls in Agriculture. <i>Agronomy</i> , 2021, 11, 110.	1.3	30
13	An Integrated, Tentative Remote-Sensing Approach Based on NDVI Entropy to Model Canine Distemper Virus in Wildlife and to Prompt Science-Based Management Policies. <i>Animals</i> , 2022, 12, 1049.	1.0	29
14	Exploring Climate Change Effects on Vegetation Phenology by MOD13Q1 Data: The Piemonte Region Case Study in the Period 2001-2019. <i>Agronomy</i> , 2021, 11, 555.	1.3	27
15	Structure, spatio-temporal dynamics and disturbance regime of the mixed beech-silver fir-Norway spruce old-growth forest of Biogradska Gora (Montenegro). <i>Plant Biosystems</i> , 2015, 149, 966-975.	0.8	25
16	Ultrasonographic features of adrenal gland lesions in dogs can aid in diagnosis. <i>BMC Veterinary Research</i> , 2016, 12, 267.	0.7	24
17	Multi-scale remote sensing to support insurance policies in agriculture: from mid-term to instantaneous deductions. <i>GIScience and Remote Sensing</i> , 2020, 57, 770-784.	2.4	22
18	A GIS Tool for the Land Carrying Capacity of Large Solar Plants. <i>Energy Procedia</i> , 2014, 48, 1576-1585.	1.8	21

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19	Preliminary Tests and Results Concerning Integration of Sentinel-2 and Landsat-8 OLI for Crop Monitoring. <i>Journal of Imaging</i> , 2017, 3, 49.	1.7	20
20	DNASER I: layout and data analysis. <i>IEEE Transactions on Nanobioscience</i> , 2002, 1, 67-72.	2.2	19
21	Assessing the Effect of Disturbances on the Functionality of Direct Protection Forests. <i>Mountain Research and Development</i> , 2016, 36, 41.	0.4	19
22	A neural network method for analysis of hyperspectral imagery with application to the Cassas landslide (Susa Valley, NW-Italy). <i>Geomorphology</i> , 2009, 110, 20-27.	1.1	17
23	Detection and characterization of oil palm plantations through MODIS EVI time series. <i>International Journal of Remote Sensing</i> , 2019, 40, 7297-7311.	1.3	16
24	Are the new gridded DSM/DTMs of the Piemonte Region (Italy) proper for forestry? A fast and simple approach for a posteriori metric assessment. <i>IForest</i> , 2016, 9, 901-909.	0.5	16
25	Investigating Sentinel 2 Multispectral Imagery Efficiency in Describing Spectral Response of Vineyards Covered with Plastic Sheets. <i>Agronomy</i> , 2020, 10, 1909.	1.3	15
26	Multi-temporal mapping of flood damage to crops using sentinel-1 imagery: a case study of the Sesia River (October 2020). <i>Remote Sensing Letters</i> , 2021, 12, 459-469.	0.6	15
27	Combining Interior Orientation Variables to Predict the Accuracy of Rpasâ€“Sfm 3D Models. <i>Remote Sensing</i> , 2020, 12, 2674.	1.8	14
28	Supporting Pro-Poor Reforms of Agricultural Systems in Eastern DRC (Africa) with Remotely Sensed Data: A Possible Contribution of Spatial Entropy to Interpret Land Management Practices. <i>Land</i> , 2021, 10, 1368.	1.2	14
29	A Spatial-Based Decision Support System for wood harvesting management in mountain areas. <i>Land Use Policy</i> , 2017, 67, 277-287.	2.5	13
30	Sentinel-1 Polarimetry to Map Apple Orchard Damage after a Storm. <i>Remote Sensing</i> , 2021, 13, 1030.	1.8	13
31	Spatial patterns of <i>Scaphoideus titanus</i> (Hemiptera: Cicadellidae): a geostatistical and neural network approach. <i>International Journal of Pest Management</i> , 2011, 57, 205-216.	0.9	12
32	Supporting Insurance Strategies in Agriculture by Remote Sensing: A Possible Approach at Regional Level. <i>Lecture Notes in Computer Science</i> , 2019, , 186-199.	1.0	12
33	Geomatics and epidemiology: Associating oxidative stress and greenness in urban areas. <i>Environmental Research</i> , 2021, 197, 110999.	3.7	12
34	RPAS-based photogrammetry to support tree stability assessment: Longing for precision arboriculture. <i>Urban Forestry and Urban Greening</i> , 2020, 55, 126862.	2.3	11
35	A Methodological Proposal to Support Estimation of Damages from Hailstorms Based on Copernicus Sentinel 2 Data Times Series. <i>Lecture Notes in Computer Science</i> , 2020, , 737-751.	1.0	11
36	Mapping Ecological Focus Areas within the EU CAP Controls Framework by Copernicus Sentinel-2 Data. <i>Agronomy</i> , 2022, 12, 406.	1.3	11

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37	Natural disturbance dynamics in an old-growth forest: from tree to landscape. <i>Procedia Environmental Sciences</i> , 2011, 7, 365-370.	1.3	10
38	How far can we trust forestry estimates from low-density LiDAR acquisitions? The Cutfoot Sioux experimental forest (MN, USA) case study. <i>International Journal of Remote Sensing</i> , 2020, 41, 4551-4569.	1.3	10
39	SENTINEL FOR APPLICATIONS IN AGRICULTURE. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-3/W6, 91-98.	0.2	10
40	Mapping SAR geometric distortions and their stability along time: a new tool in Google Earth Engine based on Sentinel-1 image time series. <i>International Journal of Remote Sensing</i> , 2021, 42, 9135-9154.	1.3	10
41	High resolution satellite images for archeological applications: the Karima case study (Nubia region,) Tj ETQq1 1 0.784314 rgbT /Over	1.7	9
42	Landsat 8 thermal data to support urban management and planning in the climate change era: a case study in Torino area, NW Italy. , 2019, , .		9
43	Precision arboriculture: a new approach to tree risk management based on geomatics tools. , 2019, , .		8
44	Assessing the availability of forest biomass for bioenergy by publicly available satellite imagery. <i>IForest</i> , 2018, 11, 459-468.	0.5	7
45	The role of spatial data and geomatic approaches in treeline mapping: a review of methods and limitations. <i>European Journal of Remote Sensing</i> , 2015, 48, 777-792.	1.7	6
46	Describing the spatio-temporal variability of vines and soil by satellite-based spectral indices: A case study in Apulia (South Italy). <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 68, 42-50.	1.4	6
47	A New Index for Assessing Tree Vigour Decline Based on Sentinel-2 Multitemporal Data. Application to Tree Failure Risk Management. <i>Remote Sensing Letters</i> , 2021, 12, 58-67.	0.6	6
48	MAIA S2 Versus Sentinel 2: Spectral Issues and Their Effects in the Precision Farming Context. <i>Lecture Notes in Computer Science</i> , 2021, , 63-77.	1.0	6
49	Remotely sensed data to support insurance strategies in agriculture. , 2019, , .		6
50	Multi-temporal image co-registration improvement for a better representation and quantification of risky situations: the Belvedere Glacier case study. <i>Geomatics, Natural Hazards and Risk</i> , 2015, 6, 362-378.	2.0	5
51	Intra-vineyard variability description through satellite-derived spectral indices as related to soil and vine water status. <i>Acta Horticulturae</i> , 2018, , 59-68.	0.1	5
52	PREDICTING THE ACCURACY OF PHOTOGRAMMETRIC 3D RECONSTRUCTION FROM CAMERA CALIBRATION PARAMETERS THROUGH A MULTIVARIATE STATISTICAL APPROACH. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLIII-B2-2020, 479-486.	0.2	5
53	The Importance of Agronomic Knowledge for Crop Detection by Sentinel-2 in the CAP Controls Framework: A Possible Rule-Based Classification Approach. <i>Agronomy</i> , 2022, 12, 1228.	1.3	5
54	When a definition makes the difference: operative issues about tree height measures from RPAS-derived CHMs. <i>IForest</i> , 2020, 13, 404-408.	0.5	4

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55	<title>High-resolution satellite imagery orthoprojection using dense DEM</title> . , 2003, 4885, 433.		3
56	GeoEye vs. QuickBird: operational potentialities, limits, and integration for fast map production. , 2010, , .		3
57	Monitoring Rice Crops in Piemonte (Italy): Towards an Operational Service Based on Free Satellite Data. , 2018, , .		3
58	Vineyard Clusters Monitored by Means of Litterbag-NIRS and Foliar-NIRS Spectroscopic Methods. Journal of Agronomy Research, 2020, 3, 39-56.	0.5	3
59	Addressing management practices of private forests by remote sensing and open data: A tentative procedure. Remote Sensing Applications: Society and Environment, 2021, 23, 100563.	0.8	3
60	A simplified method for water depth mapping over crops during flood based on Copernicus and DTM open data. Agricultural Water Management, 2022, 269, 107642.	2.4	3
61	DTMs generation from satellite stereo images: accuracy tests in mountain region. , 2004, , .		2
62	A FFT-Based Approach to Explore Periodicity of Vines/Soil Properties in Vineyard from Time Series of Satellite-Derived Spectral Indices. , 2018, , .		2
63	Land tessellation effects in mapping agricultural areas by remote sensing at field level. International Journal of Remote Sensing, 2019, 40, 7272-7286.	1.3	2
64	Greenness and physical activity as possible oxidative stress modulators in children. European Journal of Public Health, 2020, 30, .	0.1	2
65	About Tree Height Measurement: Theoretical and Practical Issues for Uncertainty Quantification and Mapping. Forests, 2022, 13, 969.	0.9	2
66	Remote sensing for industrial applications in the energy business: digital territorial data integration for planning of overhead power transmission lines (OHTLs). , 2001, , .		1
67	Metric quality evaluation of satellite high resolution images in urban areas. , 0, , .		1
68	Urban areas classification tests using high resolution pan-sharpened satellite images. , 0, , .		1
69	Modis EVI, NDVI, WDRVI, daily and composite: Looking for the best choice to estimate phenological parameters from deciduous forests. , 2015, , .		1
70	Estimation and mapping of NDVI uncertainty from Landsat 8 OLI datasets: An operational approach. , 2015, , .		1
71	Satellite-Based Approaches in the Detection and Monitoring of Selected Hydrometeorological Disasters. Sustainable Development Goals Series, 2021, , 19-37.	0.2	1
72	Locating the Italian Radioactive Waste Repository: Issues and Perplexities Arisen from Open Data-Based Analyses about the TO-10 Site (NW Italy). Land, 2021, 10, 932.	1.2	1

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73	Supporting Assessment of Forest Burned Areas by Aerial Photogrammetry: The Susa Valley (NW Italy) Fires of Autumn 2017. Lecture Notes in Computer Science, 2020, , 829-844.	1.0	1
74	Uncertainties and Perspectives on Forest Height Estimates by Sentinel-1 Interferometry. Earth, 2022, 3, 479-492.	0.9	1
75	Multitemporal dual-pol Sentinel-1 data to support monitoring of forest post-fire dynamics. Geocarto International, 2024, 37, 15463-15484.	1.7	1
76	MIVIS image classification for the geomorphological characterization of large slope instabilities in Aosta Valley, Italian Northwestern Alps. , 2004, , .		0
77	Public Archaeology and Open Data: a New Deal for Supporting and Interpreting Excavations. , 2018, , .		0
78	Testing the possibility of mapping vineyards covered with plastic sheets by Copernicus Sentinel 2 imagery. Acta Horticulturae, 2021, , 211-218.	0.1	0
79	Estimation of evapotranspiration for basilicata region with a pennman-monteith method. Journal of Experimental Biology and Agricultural Sciences, 2017, 5, 183-187.	0.1	0