Enrico Borgogno

List of Publications by Year
in descending order

79	1,113	393982 19	476904 29
papers	citations	h-index	g-index

83	83	83	1304
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multitemporal dual-pol Sentinel-1 data to support monitoring of forest post-fire dynamics. Geocarto International, 2024, 37, 15463-15484.	1.7	1
2	Mapping Ecological Focus Areas within the EU CAP Controls Framework by Copernicus Sentinel-2 Data. Agronomy, 2022, 12, 406.	1.3	11
3	Uncertainties and Perspectives on Forest Height Estimates by Sentinel-1 Interferometry. Earth, 2022, 3, 479-492.	0.9	1
4	An Integrated, Tentative Remote-Sensing Approach Based on NDVI Entropy to Model Canine Distemper Virus in Wildlife and to Prompt Science-Based Management Policies. Animals, 2022, 12, 1049.	1.0	29
5	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
6	The Importance of Agronomic Knowledge for Crop Detection by Sentinel-2 in the CAP Controls Framework: A Possible Rule-Based Classification Approach. Agronomy, 2022, 12, 1228.	1.3	5
7	About Tree Height Measurement: Theoretical and Practical Issues for Uncertainty Quantification and Mapping. Forests, 2022, 13, 969.	0.9	2
8	A New Index for Assessing Tree Vigour Decline Based on Sentinel-2 Multitemporal Data. Application to Tree Failure Risk Management. Remote Sensing Letters, 2021, 12, 58-67.	0.6	6
9	Satellite-Based Approaches in the Detection and Monitoring of Selected Hydrometeorological Disasters. Sustainable Development Goals Series, 2021, , 19-37.	0.2	1
10	MAIA S2 Versus Sentinel 2: Spectral Issues and Their Effects in the Precision Farming Context. Lecture Notes in Computer Science, 2021, , 63-77.	1.0	6
11	Sentinel-1 Polarimetry to Map Apple Orchard Damage after a Storm. Remote Sensing, 2021, 13, 1030.	1.8	13
12	Exploring Short-Term Climate Change Effects on Rangelands and Broad-Leaved Forests by Free Satellite Data in Aosta Valley (Northwest Italy). Climate, 2021, 9, 47.	1.2	35
13	Exploring Climate Change Effects on Vegetation Phenology by MOD13Q1 Data: The Piemonte Region Case Study in the Period 2001â€“2019. Agronomy, 2021, 11, 555.	1.3	27
14	Multi-temporal mapping of flood damage to crops using sentinel-1 imagery: a case study of the Sesia River (October 2020). Remote Sensing Letters, 2021, 12, 459-469.	0.6	15
15	Testing the possibility of mapping vineyards covered with plastic sheets by Copernicus Sentinel 2 imagery. Acta Horticulturae, 2021, , 211-218.	0.1	0
16	Geomatics and epidemiology: Associating oxidative stress and greenness in urban areas. Environmental Research, 2021, 197, 110999.	3.7	12
17	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
18	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

#	Article	IF	Citations
19	A Possible Role of Copernicus Sentinel-2 Data to Support Common Agricultural Policy Controls in Agriculture. Agronomy, 2021, 11, 110.	1.3	30
20	Mapping SAR geometric distortions and their stability along time: a new tool in Google Earth Engine based on Sentinel-1 image time series. International Journal of Remote Sensing, 2021, 42, 9135-9154.	1.3	10
21	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. Land, 2021, 10, 1368.	1.2	14
22	RPAS-based photogrammetry to support tree stability assessment: Longing for precision arboriculture. Urban Forestry and Urban Greening, 2020, 55, 126862.	2.3	11
23	Multi-scale remote sensing to support insurance policies in agriculture: from mid-term to instantaneous deductions. GIScience and Remote Sensing, 2020, 57, 770-784.	2.4	22
24	Combining Interior Orientation Variables to Predict the Accuracy of Rpasâ€“Sfm 3D Models. Remote Sensing, 2020, 12, 2674.	1.8	14
25	Investigating Sentinel 2 Multispectral Imagery Efficiency in Describing Spectral Response of Vineyards Covered with Plastic Sheets. Agronomy, 2020, 10, 1909.	1.3	15
26	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). Remote Sensing, 2020, 12, 3542.	1.8	47
27	How far can we trust forestry estimates from low-density LiDAR acquisitions? The Cutfoot Sioux experimental forest (MN, USA) case study. International Journal of Remote Sensing, 2020, 41, 4551-4569.	1.3	10
28	Vineyard Clusters Monitored by Means of Litterbag-NIRS and Foliar-NIRS Spectroscopic Methods. Journal of Agronomy Research, 2020, 3, 39-56.	0.5	3
29	A Methodological Proposal to Support Estimation of Damages from Hailstorms Based on Copernicus Sentinel 2 Data Times Series. Lecture Notes in Computer Science, 2020, , 737-751.	1.0	11
30	Greenness and physical activity as possible oxidative stress modulators in children. European Journal of Public Health, 2020, 30, .	0.1	2
31	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
32	When a definition makes the difference: operative issues about tree height measures from RPAS-derived CHMs. IForest, 2020, 13, 404-408.	0.5	4
33	Supporting Insurance Strategies in Agriculture by Remote Sensing: A Possible Approach at Regional Level. Lecture Notes in Computer Science, 2019, , 186-199.	1.0	12
34	Detection and characterization of oil palm plantations through MODIS EVI time series. International Journal of Remote Sensing, 2019, 40, 7297-7311.	1.3	16
35	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
36	Precision arboriculture: a new approach to tree risk management based on geomatics tools. , 2019, , .		8

#	Article	IF	Citations
37	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
38	Remotely sensed data to support insurance strategies in agriculture. , 2019, , .		6
39	Describing the spatio-temporal variability of vines and soil by satellite-based spectral indices: A case study in Apulia (South Italy). International Journal of Applied Earth Observation and Geoinformation, 2018, 68, 42-50.	1.4	6
40	A comparison between multispectral aerial and satellite imagery in precision viticulture. Precision Agriculture, 2018, 19, 195-217.	3.1	41
41	MODIS-derived EVI, NDVI and WDRVI time series to estimate phenological metrics in French deciduous forests. International Journal of Applied Earth Observation and Geoinformation, 2018, 64, 132-144.	1.4	84
42	Public Archaeology and Open Data: a New Deal for Supporting and Interpreting Excavations. , 2018, , .		0
43	A FFT-Based Approach to Explore Periodicity of Vines/Soil Properties in Vineyard from Time Series of Satellite-Derived Spectral Indices. , 2018, , .		2
44	Monitoring Rice Crops in Piemonte (Italy): Towards an Operational Service Based on Free Satellite Data. , 2018, , .		3
45	Intra-vineyard variability description through satellite-derived spectral indices as related to soil and vine water status. Acta Horticulturae, 2018, , 59-68.	0.1	5
46	Assessing the availability of forest biomass for bioenergy by publicly available satellite imagery. IForest, 2018, 11, 459-468.	0.5	7
47	A Spatial-Based Decision Support System for wood harvesting management in mountain areas. Land Use Policy, 2017, 67, 277-287.	2.5	13
48	Preliminary considerations about costs and potential market of remote sensing from UAV in the Italian viticulture context. European Journal of Remote Sensing, 2017, 50, 310-319.	1.7	32
49	Preliminary Tests and Results Concerning Integration of Sentinel-2 and Landsat-8 OLI for Crop Monitoring. Journal of Imaging, 2017, 3, 49.	1.7	20
50	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
51	A fast operative method for NDVI uncertainty estimation and its role in vegetation analysis. European Journal of Remote Sensing, 2016, 49, 137-156.	1.7	34
52	Ultrasonographic features of adrenal gland lesions in dogs can aid in diagnosis. BMC Veterinary Research, 2016, 12, 267.	0.7	24
53	Assessing the Effect of Disturbances on the Functionality of Direct Protection Forests. Mountain Research and Development, 2016, 36, 41.	0.4	19
54	Are the new gridded DSM/DTMs of the Piemonte Region (Italy) proper for forestry? A fast and simple approach for a posteriori metric assessment. IForest, 2016, 9, 901-909.	0.5	16

#	Article	IF	Citations
55	The role of spatial data and geomatic approaches in treeline mapping: a review of methods and limitations. European Journal of Remote Sensing, 2015, 48, 777-792.	1.7	6
56	Multi-temporal image co-registration improvement for a better representation and quantification of risky situations: the Belvedere Glacier case study. Geomatics, Natural Hazards and Risk, 2015, 6, 362-378.	2.0	5
57	Modis EVI, NDVI, WDRVI, daily and composite: Looking for the best choice to estimate phenological parameters from deciduous forests. , 2015, , .		1
58	Structure, spatio-temporal dynamics and disturbance regime of the mixed beechâ€“silver firâ€“Norway spruce old-growth forest of Biogradska Gora (Montenegro). Plant Biosystems, 2015, 149, 966-975.	0.8	25
59	Estimation and mapping of NDVI uncertainty from Landsat 8 OLI datasets: An operational approach. , 2015, , .		1
60	Site Selection of Large Ground-Mounted Photovoltaic Plants: A GIS Decision Support System and an Application to Italy. International Journal of Green Energy, 2015, 12, 515-525.	2.1	40
61	Soil quality and landscape metrics as driving factors in a multi-criteria GIS procedure for peri-urban land use planning. Urban Forestry and Urban Greening, 2015, 14, 743-750.	2.3	31
62	A GIS Tool for the Land Carrying Capacity of Large Solar Plants. Energy Procedia, 2014, 48, 1576-1585.	1.8	21
63	Correcting MODIS 16-day composite NDVI time-series with actual acquisition dates. European Journal of Remote Sensing, 2014, 47, 285-305.	1.7	44
64	High resolution satellite images for archeological applications: the Karima case study (Nubia region,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	9
65	Gap disturbances and regeneration patterns in a Bosnian old-growth forest: a multispectral remote sensing and ground-based approach. Annals of Forest Science, 2012, 69, 617-625.	0.8	61
66	Evidences of drought stress as a predisposing factor to Scots pine decline in Valle dâ€™Aosta (Italy). European Journal of Forest Research, 2012, 131, 989-1000.	1.1	54
67	Spatial patterns ofScaphoideus titanus(Hemiptera: Cicadellidae): a geostatistical and neural network approach. International Journal of Pest Management, 2011, 57, 205-216.	0.9	12
68	Natural disturbance dynamics in an old-growth forest: from tree to landscape. Procedia Environmental Sciences, 2011, 7, 365-370.	1.3	10
69	GeoEye vs. QuickBird: operational potentialities, limits, and integration for fast map production. , 2010, , .		3
70	A neural network method for analysis of hyperspectral imagery with application to the Cassas landslide (Susa Valley, NW-Italy). Geomorphology, 2009, 110, 20-27.	1.1	17
71	MIVIS image classification for the geomorphological characterization of large slope instabilities in Aosta Valley, Italian Northwestern Alps. , 2004, , .		0
72	DTMs generation from satellite stereo images: accuracy tests in mountain region. , 2004, , .		2

#	Article	IF	Citations
73	<title>High-resolution satellite imagery orthoprojection using dense DEM</title>. , 2003, 4885, 433.		3
74	DNASER I: layout and data analysis. IEEE Transactions on Nanobioscience, 2002, 1, 67-72.	2.2	19
75	Remote sensing for industrial applications in the energy business: digital territorial data integration for planning of overhead power transmission lines (OHTLs). , 2001, , .		1
76	Metric quality evaluation of satellite high resolution images in urban areas. , 0, , .		1
77	Urban areas classification tests using high resolution pan-sharpened satellite images. , 0, , .		1
78	SENTINEL FOR APPLICATIONS IN AGRICULTURE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W6, 91-98.	0.2	10
79	PREDICTING THE ACCURACY OF PHOTOGRAMMETRIC 3D RECONSTRUCTION FROM CAMERA CALIBRATION PARAMETERS THROUGH A MULTIVARIATE STATISTICAL APPROACH. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2020, 479-486.	0.2	5