Fabio Maselli

List of Publications by Year
in descending order

32	821	623734	477307
papers	citations	14	29
		h-index	g-index

32	32	32	1095
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monitoring forest conditions in a protected Mediterranean coastal area by the analysis of multiyear NDVI data. Remote Sensing of Environment, 2004, 89, 423-433.	11.0	135
2	Combining remote sensing and ancillary data to monitor the gross productivity of water-limited forest ecosystems. Remote Sensing of Environment, 2009, 113, 657-667.	11.0	98
3	Definition of Spatially Variable Spectral Endmembers by Locally Calibrated Multivariate Regression Analyses. Remote Sensing of Environment, 2001, 75, 29-38.	11.0	83
4	Use of remotely sensed and ancillary data for estimating forest gross primary productivity in Italy. Remote Sensing of Environment, 2006, 100, 563-575.	11.0	67
5	Operational monitoring of daily evapotranspiration by the combination of MODIS NDVI and ground meteorological data: Application and evaluation in Central Italy. Remote Sensing of Environment, 2014, 152, 279-290.	11.0	65
6	Use of error matrices to improve area estimates with maximum likelihood classification procedures. Remote Sensing of Environment, 1992, 40, 113-124.	11.0	51
7	Simulation of olive fruit yield in Tuscany through the integration of remote sensing and ground data. Ecological Modelling, 2012, 244, 1-12.	2.5	42
8	Start of the dry season as a main determinant of inter-annual Mediterranean forest production variations. Agricultural and Forest Meteorology, 2014, 194, 197-206.	4.8	29
9	Estimating daily forest carbon fluxes using a combination of ground and remotely sensed data. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 266-279.	3.0	26
10	Prediction of forest NPP in Italy by the combination of ground and remote sensing data. European Journal of Forest Research, 2015, 134, 453-467.	2.5	19
11	Correction of a 1 km daily rainfall dataset for modelling forest ecosystem processes in Italy. Meteorological Applications, 2016, 23, 294-303.	2.1	18
12	Optimized Application of Biome–BGC for Modeling the Daily GPP of Natural Vegetation Over Peninsular Spain. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 531-546.	3.0	15
13	Growing stock volume from multi-temporal landsat imagery through google earth engine. International Journal of Applied Earth Observation and Geoinformation, 2019, 83, 101913.	2.8	15
14	Impacts of climate change on the gross primary production of Italian forests. Annals of Forest Science, 2019, 76, 1.	2.0	15
15	Spatio-temporal fusion of NDVI data for simulating soil water content in heterogeneous Mediterranean areas. European Journal of Remote Sensing, 2019, 52, 88-95.	3.5	15
16	A New Method to Enhance the Spatial Features of Multitemporal NDVI Image Series. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4967-4979.	6.3	13
17	Evaluation of Terra/Aqua MODIS and Sentinel-2 MSI NDVI data for predicting actual evapotranspiration in Mediterranean regions. International Journal of Remote Sensing, 2020, 41, 5186-5205.	2.9	12
18	Integration of Ground and Multi-Resolution Satellite Data for Predicting the Water Balance of a Mediterranean Two-Layer Agro-Ecosystem. Remote Sensing, 2016, 8, 731.	4.0	11

#	Article	IF	Citations
19	Quantifying water stress effect on daily light use efficiency in Mediterranean ecosystems using satellite data. International Journal of Digital Earth, 2017, 10, 623-638.	3.9	11
20	Reflectance spectra classification for the rapid assessment of water ecological quality in Mediterranean ports. Oceanologia, 2019, 61, 445-459.	2.2	10
21	Adaptation of a modelling strategy to predict the NPP of even-aged forest stands. European Journal of Forest Research, 2012, 131, 1175-1184.	2.5	9
22	A Semiempirical Method to Estimate Actual Evapotranspiration in Mediterranean Environments. Advances in Meteorology, 2018, 2018, 1-13.	1.6	9
23	Estimation of Actual Evapotranspiration in Fragmented Mediterranean Areas by the Spatio-Temporal Fusion of NDVI Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 5108-5117.	4.9	9
24	A novel approach to produce NDVI image series with enhanced spatial properties. European Journal of Remote Sensing, 2016, 49, 171-184.	3.5	7
25	Testing the applicability of BIOME-BGC to simulate beech gross primary production in Europe using a new continental weather dataset. Annals of Forest Science, 2016, 73, 713-727.	2.0	7
26	Simulation of Soil Water Content in Mediterranean Ecosystems by Biogeochemical and Remote Sensing Models. Water (Switzerland), 2018, 10, 665.	2.7	7
27	Remote Sensing and Bio-Geochemical Modeling of Forest Carbon Storage in Spain. Remote Sensing, 2020, 12, 1356.	4.0	7
28	Improved simulation of soil water content by the combination of ground and remote sensing data. European Journal of Remote Sensing, 2014, 47, 739-751.	3.5	5
29	Monitoring and analysis of crop irrigation dynamics in Central Italy through the use of MODIS NDVI data. European Journal of Remote Sensing, 2022, 55, 23-36.	3.5	4
30	Assessment of inter-annual forest production variations in Italy by the use of remote-sensing and ancillary data. European Journal of Remote Sensing, 2017, 50, 577-587.	3.5	3
31	Evaluation of Landsat-8 OLI and Sentinel-2 MSI images for estimating the ecological quality of port waters. European Journal of Remote Sensing, 2021, 54, 281-295.	3.5	2
32	Towards the Prediction of Favourable Conditions for the Harmful Algal Bloom Onset of Ostreopsis ovata in the Ligurian Sea Based on Satellite and Model Data. Journal of Marine Science and Engineering, 2022, 10, 461.	2.6	2