

Marcello Petitta

List of Publications by Year in descending order

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17
papers

937
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623734

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docs citations

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times ranked

1506
citing authors

#	ARTICLE	IF	CITATIONS
1	Wind Effect on PV Module Temperature: Analysis of Different Techniques for an Accurate Estimation. <i>Energy Procedia</i> , 2013, 40, 77-86.	1.8	205
2	Early 21st century snow cover state over the western river basins of the Indus River system. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 4077-4100.	4.9	115
3	Impact of black carbon aerosol over Italian basin valleys: high-resolution measurements along vertical profiles, radiative forcing and heating rate. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9641-9664.	4.9	103
4	Observed snow depth trends in the European Alps: 1971 to 2019. <i>Cryosphere</i> , 2021, 15, 1343-1382.	3.9	87
5	PM10 remote sensing from geostationary SEVIRI and polar-orbiting MODIS sensors over the complex terrain of the European Alpine region. <i>Remote Sensing of Environment</i> , 2010, 114, 2485-2499.	11.0	78
6	Extreme value analysis of wet and dry periods in Sicily. <i>Theoretical and Applied Climatology</i> , 2007, 87, 61-71.	2.8	51
7	Short-term predictability of photovoltaic production over Italy. <i>Renewable Energy</i> , 2015, 80, 197-204.	8.9	49
8	Large-Scale Assessment of Drought Variability Based on NCEP/NCAR and ERA-40 Re-Analyses. <i>Water Resources Management</i> , 2006, 20, 899-915.	3.9	46
9	Relative Sea-Level Rise and Potential Submersion Risk for 2100 on 16 Coastal Plains of the Mediterranean Sea. <i>Water (Switzerland)</i> , 2020, 12, 2173.	2.7	46
10	Critical Data Source; Tool or Even Infrastructure? Challenges of Geographic Information Systems and Remote Sensing for Disaster Risk Governance. <i>ISPRS International Journal of Geo-Information</i> , 2015, 4, 1848-1869.	2.9	35
11	The HeliMont method for assessing solar irradiance over complex terrain: Validation and improvements. <i>Remote Sensing of Environment</i> , 2014, 152, 603-613.	11.0	27
12	Seasonal River Discharge Forecasting Using Support Vector Regression: A Case Study in the Italian Alps. <i>Water (Switzerland)</i> , 2015, 7, 2494-2515.	2.7	23
13	A high-resolution gridded dataset of daily temperature and precipitation records (1980â€“2018) for Trentino-South Tyrol (north-eastern Italian Alps). <i>Earth System Science Data</i> , 2021, 13, 2801-2818.	9.9	23
14	Evaluating Snow in EURO-CORDEX Regional Climate Models with Observations for the European Alps: Biases and Their Relationship to Orography, Temperature, and Precipitation Mismatches. <i>Atmosphere</i> , 2020, 11, 46.	2.3	16
15	Droughts Prediction: a Methodology Based on Climate Seasonal Forecasts. <i>Water Resources Management</i> , 2020, 34, 4313-4328.	3.9	11
16	Verification and Bias Adjustment of ECMWF SEAS5 Seasonal Forecasts over Europe for Climate Service Applications. <i>Climate</i> , 2021, 9, 181.	2.8	8
17	The drought-alert decision support system for water resources management. , 0, 194, 304-314.		4