

Andrea Soncini

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

901
citations

471509

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32
all docs

32
docs citations

32
times ranked

1129
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of climate change scenarios on crop yield and water footprint of maize in the Po valley of Italy. <i>Agricultural Water Management</i> , 2013, 116, 50-61.	5.6	163
2	Prediction of future hydrological regimes in poorly gauged high altitude basins: the case study of the upper Indus, Pakistan. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 2059-2075.	4.9	95
3	Future Hydrological Regimes in the Upper Indus Basin: A Case Study from a High-Altitude Glacierized Catchment. <i>Journal of Hydrometeorology</i> , 2015, 16, 306-326.	1.9	86
4	Impact of climate change on agricultural productivity and food security in the Himalayas: A case study in Nepal. <i>Agricultural Systems</i> , 2019, 171, 113-125.	6.1	61
5	Future hydrological regimes and glacier cover in the Everest region: The case study of the upper Dudh Koshi basin. <i>Science of the Total Environment</i> , 2016, 565, 1084-1101.	8.0	55
6	Evaluation of future hydrological cycle under climate change scenarios in a mesoscale Alpine watershed of Italy. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 1769-1785.	3.6	54
7	A simple model to evaluate ice melt over the ablation area of glaciers in the Central Karakoram National Park, Pakistan. <i>Annals of Glaciology</i> , 2015, 56, 202-216.	1.4	35
8	Coupling multitemporal remote sensing with geomorphology and hydrological modeling for post flood recovery in the Strymonas dammed river basin (Greece). <i>Science of the Total Environment</i> , 2019, 651, 1958-1968.	8.0	32
9	A methodology for monitoring and modeling of high altitude Alpine catchments. <i>Progress in Physical Geography</i> , 2017, 41, 393-420.	3.2	30
10	D-RUSLE: a dynamic model to estimate potential soil erosion with satellite time series in the Italian Alps. <i>European Journal of Remote Sensing</i> , 2019, 52, 34-53.	3.5	29
11	Potentially modified hydropower production under climate change in the Italian Alps. <i>Hydrological Processes</i> , 2019, 33, 2355-2372.	2.6	29
12	Assessing water resources under climate change in high-altitude catchments: a methodology and an application in the Italian Alps. <i>Theoretical and Applied Climatology</i> , 2019, 135, 135-156.	2.8	26
13	Assessment of future snowfall regimes within the Italian Alps using general circulation models. <i>Cold Regions Science and Technology</i> , 2011, 68, 113-123.	3.5	24
14	Future Scenarios of Soil Erosion in the Alps under Climate Change and Land Cover Transformations Simulated with Automatic Machine Learning. <i>Climate</i> , 2020, 8, 28.	2.8	20
15	Inventory of glaciers and glacial lakes of the Central Karakoram National Park (CKNP "Pakistan). <i>Journal of Maps</i> , 2018, 14, 189-198.	2.0	19
16	Modelling Hydrological Components of the Rio Maipo of Chile, and Their Prospective Evolution under Climate Change. <i>Climate</i> , 2018, 6, 57.	2.8	19
17	Recent area and volume loss of Alpine glaciers in the Adda River of Italy and their contribution to hydropower production. <i>Cold Regions Science and Technology</i> , 2018, 148, 172-184.	3.5	18
18	Climate change will affect hydrological regimes in the Alps. <i>Revue De Geographie Alpine</i> , 2013, , .	0.1	15

#	ARTICLE	IF	CITATIONS
19	Effects of hydrological changes on cooperation in transnational catchments: the case of the Syr Darya. <i>Water International</i> , 2017, 42, 852-873.	1.0	14
20	Operation of two major reservoirs of Iran under IPCC scenarios during the XXI century. <i>Hydrological Processes</i> , 2018, 32, 3254-3271.	2.6	12
21	Continuous streamflow simulation for index flood estimation in an Alpine basin of northern Italy. <i>Hydrological Sciences Journal</i> , 2015, 60, 1013-1025.	2.6	11
22	Potential of remote sensing and open street data for flood mapping in poorly gauged areas: a case study in Gonaives, Haiti. <i>Applied Geomatics</i> , 2016, 8, 117-131.	2.5	11
23	Recent evolution of glaciers in Western Asia in response to global warming: the case study of Mount Ararat, Turkey. <i>Theoretical and Applied Climatology</i> , 2019, 137, 45-59.	2.8	9
24	Water Resources Modeling and Prospective Evaluation in the Indus River Under Present and Prospective Climate Change. , 2019, , 17-56.		5
25	Prospective Climate Change Impacts upon Energy Prices in the 21ST Century: A Case Study in Italy. <i>Climate</i> , 2019, 7, 121.	2.8	5
26	Analysis of changes in crop farming in the Dudh Koshi (Nepal) driven by climate changes. , 2017, , .		2
27	Hydrology of the Upper Indus Basin Under Potential Climate Change Scenarios. , 2015, , 43-49.		1
28	Satellite-based cover management factor assessment for soil water erosion in the Alps. , 2018, , .		1
29	Cli effetti del cambiamento climatico sul regime idrologico nelle Alpi. <i>Revue De Geographie Alpine</i> , 2013, , .	0.1	0
30	Assessment of Recent Flow, and Calving Rate of the Perito Moreno Glacier Using LANDSAT and SENTINEL2 Images. <i>Remote Sensing</i> , 2022, 14, 52.	4.0	0