Franco Salerno

List of Publications by Year
in descending order

68	2,914	172457	175258
papers	citations	29 h-index	52 g-index

82	82	82	3931
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Do recent meteorological drought events in central Italy result from longâ€term trend or increasing variability?. International Journal of Climatology, 2022, 42, 4111-4128.	3.5	7
2	Suspect screening of wastewaters to trace anti-COVID-19 drugs: Potential adverse effects on aquatic environment. Science of the Total Environment, 2022, 824, 153756.	8.0	23
3	Seasonal variations in the optical characteristics of dissolved organic matter in glacial pond water. Science of the Total Environment, 2021, 759, 143464.	8.0	8
4	Twenty-year sediment contamination trends in some tributaries of Lake Maggiore (Northern Italy): relation with anthropogenic factors. Environmental Science and Pollution Research, 2021, 28, 38193-38208.	5.3	21
5	Lake Watershed Dynamics and Bathymetry Modeling of Rara and Begnas Lakes in Nepal. Earth, 2021, 2, 272-286.	2.2	1
6	Summer afternoon precipitation associated with wind convergence near the Himalayan glacier fronts. Atmospheric Research, 2021, 259, 105658.	4.1	10
7	No benefits from warming even for subnival vegetation in the central Himalayas. Science Bulletin, 2021, 66, 1825-1829.	9.0	20
8	Climate change and water abstraction impacts on the long-term variability of water levels in Lake Bracciano (Central Italy): A Random Forest approach. Journal of Hydrology: Regional Studies, 2021, 37, 100880.	2.4	12
9	Factors Controlling the Hydraulic Efficiency of Green Roofs in the Metropolitan Area of Milan (Italy). Sustainability, 2021, 13, 13638.	3.2	0
10	Presence and infectivity of SARS-CoV-2 virus in wastewaters and rivers. Science of the Total Environment, 2020, 744, 140911.	8.0	404
11	Early growing-season precipitation drives radial growth of alpine juniper shrubs in the central Himalayas. Geografiska Annaler, Series A: Physical Geography, 2020, 102, 317-330.	1.5	8
12	Climateâ€“Waterâ€“Ecosystemâ€“Interactions: Insights from Four Continentâ€™s Case Studies. Water (Switzerland), 2020, 12, 1445.	2.7	2
13	A rock-glacier â€“ pond system (NW Italian Alps): Soil and sediment properties, geochemistry, and trace-metal bioavailability. Catena, 2020, 194, 104700.	5.0	9
14	Phosphorus content in a deep river sediment core as a tracer of long-term (1962â€“2011) anthropogenic impacts: A lesson from the Milan metropolitan area. Science of the Total Environment, 2019, 646, 37-48.	8.0	19
15	High export of nitrogen and dissolved organic carbon from an Alpine glacier (Indren Glacier, NW) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	20
16	Elevation-dependent warming of maximum air temperature in Nepal during 1976â€“2015. Atmospheric Research, 2019, 228, 261-269.	4.1	59
17	Influence of permafrost, rock and ice glaciers on chemistry of high-elevation ponds (NW Italian Alps). Science of the Total Environment, 2019, 685, 886-901.	8.0	39
18	Evaluation of GPM-era Global Satellite Precipitation Products over Multiple Complex Terrain Regions. Remote Sensing, 2019, 11, 2936.	4.0	74

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19	Intensive monitoring of conventional and surrogate quality parameters in a highly urbanized river affected by multiple combined sewer overflows. Water Science and Technology: Water Supply, 2019, 19, 953-966.	2.1	20
20	Quantifying Debris Thickness of Debrisâ€Covered Glaciers in the Everest Region of Nepal Through Inversion of a Subdebris Melt Model. Journal of Geophysical Research F: Earth Surface, 2018, 123, 1094-1115.	2.8	59
21	Impact of summer monsoon on the elevationâ€dependence of meteorological variables in the south of central Himalaya. International Journal of Climatology, 2018, 38, 1748-1759.	3.5	28
22	Mechanisms linking active rock glaciers and impounded surface water formation in highâ€mountain areas. Earth Surface Processes and Landforms, 2018, 43, 417-431.	2.5	23
23	Soil properties and trace elements distribution along an altitudinal gradient on the southern slope of Mt. Everest, Nepal. Catena, 2018, 162, 61-71.	5.0	15
24	Review: Impacts of permafrost degradation on inorganic chemistry of surface fresh water. Global and Planetary Change, 2018, 162, 69-83.	3.5	91
25	Mechanism of Daytime Strong Winds on the Northern Slopes of Himalayas, near Mount Everest: Observation and Simulation. Journal of Applied Meteorology and Climatology, 2018, 57, 255-272.	1.5	7
26	Dynamical Drivers of the Local Wind Regime in a Himalayan Valley. Journal of Geophysical Research D: Atmospheres, 2018, 123, 13,186.	3.3	16
27	Rainfall as primary driver of discharge and solute export from rock glaciers: The Col d'Olen Rock Glacier in the NW Italian Alps. Science of the Total Environment, 2018, 639, 316-330.	8.0	29
28	Urbanization and climate change impacts on surface water quality: Enhancing the resilience by reducing impervious surfaces. Water Research, 2018, 144, 491-502.	11.3	153
29	A Stakeholder Oriented Modelling Framework for the Early Detection of Shortage in Water Supply Systems. Water (Switzerland), 2018, 10, 762.	2.7	10
30	Debris-covered glacier anomaly? Morphological factors controlling changes in the mass balance, surface area, terminus position, and snow line altitude of Himalayan glaciers. Earth and Planetary Science Letters, 2017, 471, 19-31.	4.4	87
31	Persistent organic pollutants in sediments of high-altitude Alpine ponds within Stelvio National Park, Italian Alps. Inland Waters, 2017, 7, 34-44.	2.2	14
32	Restoring lakes through external phosphorus load reduction: the case of Lake Pusiano (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	9
33	Combined Use of Caffeine and Turbidity to Evaluate the Impact of CSOs on River Water Quality. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	33
34	Climate Change Impacts on Sediment Quality of Subalpine Reservoirs: Implications on Management. Water (Switzerland), 2017, 9, 680.	2.7	5
35	Climate Change Adaptation in a Mediterranean Semi-Arid Catchment: Testing Managed Aquifer Recharge and Increased Surface Reservoir Capacity. Water (Switzerland), 2017, 9, 689.	2.7	29
36	Adaptation Strategies for Water Resources: Criteria for Research. Water (Switzerland), 2017, 9, 805.	2.7	11

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37	Glacier melting and precipitation trends detected by surface area changes in Himalayan ponds. Cryosphere, 2016, 10, 1433-1448.	3.9	30
38	Factors controlling the accelerated expansion of Imja Lake, Mount Everest region, Nepal. Annals of Glaciology, 2016, 57, 245-257.	1.4	64
39	Glacier Melting Increases the Solute Concentrations of Himalayan Glacial Lakes. Environmental Science & Technology, 2016, 50, 9150-9160.	10.0	42
40	Chemical characterization of biomass fuel particulate deposits and ashes in households of Mt. Everest region (NEPAL). Science of the Total Environment, 2016, 573, 751-759.	8.0	6
41	Multiregional Satellite Precipitation Products Evaluation over Complex Terrain. Journal of Hydrometeorology, 2016, 17, 1817-1836.	1.9	123
42	Future hydrological regimes and glacier cover in the Everest region: The case study of the upper Dudh Koshi basin. Science of the Total Environment, 2016, 565, 1084-1101.	8.0	55
43	Endogenous origin of foams in lakes: a long-term analysis for Lake Maggiore (northern Italy). Hydrobiologia, 2016, 767, 249-265.	2.0	12
44	POP and PAH contamination in the southern slopes of Mt. Everest (Himalaya, Nepal): Long-range atmospheric transport, glacier shrinkage, or local impact of tourism?. Science of the Total Environment, 2016, 544, 382-390.	8.0	58
45	Weak precipitation, warm winters and springs impact glaciers of south slopes of Mt. Everest (central) Tj ETQq1 1 0.784314 rgBT /Ove	3.9	151
46	High alpine ponds shift upwards as average temperatures increase: A case study of the Ortlesâ€“Cevedale mountain group (Southern Alps, Italy) over the last 50years. Global and Planetary Change, 2014, 120, 81-91.	3.5	46
47	Tracing glacier changes since the 1960s on the south slope of Mt. Everest (central Southern Himalaya) using optical satellite imagery. Cryosphere, 2014, 8, 1297-1315.	3.9	95
48	Surrogate measures for providing high frequency estimates of total phosphorus concentrations in urban watersheds. Water Research, 2014, 64, 265-277.	11.3	59
49	Internal wave weather heterogeneity in a deep multi-basin subalpine lake resulting from wavelet transform and numerical analysis. Advances in Water Resources, 2014, 71, 149-161.	3.8	18
50	Total phosphorus reference condition for subalpine lakes: A comparison among traditional methods and a new process-based watershed approach. Journal of Environmental Management, 2014, 145, 94-105.	7.8	21
51	Multiple Carrying Capacities from a management-oriented perspective toÂoperationalize sustainable tourism in protected areas. Journal of Environmental Management, 2013, 128, 116-125.	7.8	114
52	Water-quality management in a vulnerable large river: the Nile in Egypt. International Journal of River Basin Management, 2013, 11, 205-219.	2.7	8
53	Benefits from using combined dynamical-statistical downscaling approaches â€“ lessons from a case study in the Mediterranean region. Hydrology and Earth System Sciences, 2013, 17, 705-720.	4.9	37
54	Coupling high-resolution measurements to a three-dimensional lake model to assess the spatial and temporal dynamics of the cyanobacterium Planktothrix rubescens in a medium-sized lake. Hydrobiologia, 2012, 698, 77-95.	2.0	45

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55	Glacial lake distribution in the Mount Everest region: Uncertainty of measurement and conditions of formation. Global and Planetary Change, 2012, 92-93, 30-39.	3.5	115
56	Impact of Global and Local Pressures on the Ecology of a Medium-Sized Pre-Alpine Lake. Developments in Environmental Modelling, 2012, 25, 259-274.	0.3	3
57	Coupling high-resolution measurements to a three-dimensional lake model to assess the spatial and temporal dynamics of the cyanobacterium Planktothrix rubescens in a medium-sized lake. , 2012, , 77-95.		3
58	Nitrogen removal in subsurface water by narrow buffer strips in the intensive farming landscape of the Po River watershed, Italy. Ecological Engineering, 2011, 37, 148-157.	3.6	46
59	Chemical and biological response of two small lakes in the Khumbu Valley, Himalayas (Nepal) to short-term variability and climatic change as detected by long-term monitoring and paleolimnological methods. Hydrobiologia, 2010, 648, 189-205.	2.0	39
60	Solid Waste and Water Quality Management Models for Sagarmatha National Park and Buffer Zone, Nepal. Mountain Research and Development, 2010, 30, 127-142.	1.0	50
61	Experience With a Hard and Soft Participatory Modeling Framework for Social-ecological System Management in Mount Everest (Nepal) and K2 (Pakistan) Protected Areas. Mountain Research and Development, 2010, 30, 80.	1.0	29
62	Energy, Forest, and Indoor Air Pollution Models for Sagarmatha National Park and Buffer Zone, Nepal. Mountain Research and Development, 2010, 30, 113-126.	1.0	35
63	An Integrated Decision Support Toolbox (DST) for the Management of Mountain Protected Areas. Mountain Research and Development, 2010, 30, 94-102.	1.0	8
64	Improving Communication for Management of Social-ecological Systems in High Mountain Areas. Mountain Research and Development, 2010, 30, 69-79.	1.0	28
65	A coupled approach of surface hydrological modelling and Wavelet Analysis for understanding the baseflow components of river discharge in karst environments. Journal of Hydrology, 2009, 376, 295-306.	5.4	64
66	Glacier surface-area changes in Sagarmatha national park, Nepal, in the second half of the 20th century, by comparison of historical maps. Journal of Glaciology, 2008, 54, 738-752.	2.2	63
67	Lake surface area variations in the North-Eastern sector of Sagarmatha National Park (Nepal) at the end of the 20th Century by comparison of historical maps. Journal of Limnology, 2008, 67, 139.	1.1	30
68	Characterization of the Italian lake-types and identification of their reference sites using anthropogenic pressure factors. Journal of Limnology, 2005, 64, 75.	1.1	30