

Franco Salerno

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,914
citations

172457

29
h-index

175258

52
g-index

82
all docs

82
docs citations

82
times ranked

3931
citing authors

#	ARTICLE	IF	CITATIONS
1	Presence and infectivity of SARS-CoV-2 virus in wastewaters and rivers. <i>Science of the Total Environment</i> , 2020, 744, 140911.	8.0	404
2	Urbanization and climate change impacts on surface water quality: Enhancing the resilience by reducing impervious surfaces. <i>Water Research</i> , 2018, 144, 491-502.	11.3	153
3	Weak precipitation, warm winters and springs impact glaciers of south slopes of Mt. Everest (central) Tj ETQq1 1 0,784314 rgrBT /Ove	3.9	151
4	Multiregional Satellite Precipitation Products Evaluation over Complex Terrain. <i>Journal of Hydrometeorology</i> , 2016, 17, 1817-1836.	1.9	123
5	Glacial lake distribution in the Mount Everest region: Uncertainty of measurement and conditions of formation. <i>Global and Planetary Change</i> , 2012, 92-93, 30-39.	3.5	115
6	Multiple Carrying Capacities from a management-oriented perspective to operationalize sustainable tourism in protected areas. <i>Journal of Environmental Management</i> , 2013, 128, 116-125.	7.8	114
7	Tracing glacier changes since the 1960s on the south slope of Mt. Everest (central Southern Himalaya) using optical satellite imagery. <i>Cryosphere</i> , 2014, 8, 1297-1315.	3.9	95
8	Review: Impacts of permafrost degradation on inorganic chemistry of surface fresh water. <i>Global and Planetary Change</i> , 2018, 162, 69-83.	3.5	91
9	Debris-covered glacier anomaly? Morphological factors controlling changes in the mass balance, surface area, terminus position, and snow line altitude of Himalayan glaciers. <i>Earth and Planetary Science Letters</i> , 2017, 471, 19-31.	4.4	87
10	Evaluation of GPM-era Global Satellite Precipitation Products over Multiple Complex Terrain Regions. <i>Remote Sensing</i> , 2019, 11, 2936.	4.0	74
11	A coupled approach of surface hydrological modelling and Wavelet Analysis for understanding the baseflow components of river discharge in karst environments. <i>Journal of Hydrology</i> , 2009, 376, 295-306.	5.4	64
12	Factors controlling the accelerated expansion of Imja Lake, Mount Everest region, Nepal. <i>Annals of Glaciology</i> , 2016, 57, 245-257.	1.4	64
13	Glacier surface-area changes in Sagarmatha national park, Nepal, in the second half of the 20th century, by comparison of historical maps. <i>Journal of Glaciology</i> , 2008, 54, 738-752.	2.2	63
14	Surrogate measures for providing high frequency estimates of total phosphorus concentrations in urban watersheds. <i>Water Research</i> , 2014, 64, 265-277.	11.3	59
15	Quantifying Debris Thickness of Debris-Covered Glaciers in the Everest Region of Nepal Through Inversion of a Subdebris Melt Model. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 1094-1115.	2.8	59
16	Elevation-dependent warming of maximum air temperature in Nepal during 1976-2015. <i>Atmospheric Research</i> , 2019, 228, 261-269.	4.1	59
17	POP and PAH contamination in the southern slopes of Mt. Everest (Himalaya, Nepal): Long-range atmospheric transport, glacier shrinkage, or local impact of tourism?. <i>Science of the Total Environment</i> , 2016, 544, 382-390.	8.0	58
18	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

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19	Solid Waste and Water Quality Management Models for Sagarmatha National Park and Buffer Zone, Nepal. <i>Mountain Research and Development</i> , 2010, 30, 127-142.	1.0	50
20	Nitrogen removal in subsurface water by narrow buffer strips in the intensive farming landscape of the Po River watershed, Italy. <i>Ecological Engineering</i> , 2011, 37, 148-157.	3.6	46
21	High alpine ponds shift upwards as average temperatures increase: A case study of the Ortles-Cevedale mountain group (Southern Alps, Italy) over the last 50 years. <i>Global and Planetary Change</i> , 2014, 120, 81-91.	3.5	46
22	Coupling high-resolution measurements to a three-dimensional lake model to assess the spatial and temporal dynamics of the cyanobacterium <i>Planktothrix rubescens</i> in a medium-sized lake. <i>Hydrobiologia</i> , 2012, 698, 77-95.	2.0	45
23	Glacier Melting Increases the Solute Concentrations of Himalayan Glacial Lakes. <i>Environmental Science & Technology</i> , 2016, 50, 9150-9160.	10.0	42
24	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. <i>Hydrobiologia</i> , 2010, 648, 189-205.	2.0	39
25	Influence of permafrost, rock and ice glaciers on chemistry of high-elevation ponds (NW Italian Alps). <i>Science of the Total Environment</i> , 2019, 685, 886-901.	8.0	39
26	Benefits from using combined dynamical-statistical downscaling approaches – lessons from a case study in the Mediterranean region. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 705-720.	4.9	37
27	Energy, Forest, and Indoor Air Pollution Models for Sagarmatha National Park and Buffer Zone, Nepal. <i>Mountain Research and Development</i> , 2010, 30, 113-126.	1.0	35
28	Combined Use of Caffeine and Turbidity to Evaluate the Impact of CSOs on River Water Quality. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	33
29	Characterization of the Italian lake-types and identification of their reference sites using anthropogenic pressure factors. <i>Journal of Limnology</i> , 2005, 64, 75.	1.1	30
30	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. <i>Journal of Limnology</i> , 2008, 67, 139.	1.1	30
31	Glacier melting and precipitation trends detected by surface area changes in Himalayan ponds. <i>Cryosphere</i> , 2016, 10, 1433-1448.	3.9	30
32	Experience With a Hard and Soft Participatory Modeling Framework for Social-ecological System Management in Mount Everest (Nepal) and K2 (Pakistan) Protected Areas. <i>Mountain Research and Development</i> , 2010, 30, 80.	1.0	29
33	Climate Change Adaptation in a Mediterranean Semi-Arid Catchment: Testing Managed Aquifer Recharge and Increased Surface Reservoir Capacity. <i>Water (Switzerland)</i> , 2017, 9, 689.	2.7	29
34	Rainfall as primary driver of discharge and solute export from rock glaciers: The Col d'Olen Rock Glacier in the NW Italian Alps. <i>Science of the Total Environment</i> , 2018, 639, 316-330.	8.0	29
35	Improving Communication for Management of Social-ecological Systems in High Mountain Areas. <i>Mountain Research and Development</i> , 2010, 30, 69-79.	1.0	28
36	Impact of summer monsoon on the elevation-dependence of meteorological variables in the south of central Himalaya. <i>International Journal of Climatology</i> , 2018, 38, 1748-1759.	3.5	28

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37	Mechanisms linking active rock glaciers and impounded surface water formation in high mountain areas. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 417-431.	2.5	23
38	Suspect screening of wastewaters to trace anti-COVID-19 drugs: Potential adverse effects on aquatic environment. <i>Science of the Total Environment</i> , 2022, 824, 153756.	8.0	23
39	Total phosphorus reference condition for subalpine lakes: A comparison among traditional methods and a new process-based watershed approach. <i>Journal of Environmental Management</i> , 2014, 145, 94-105.	7.8	21
40	Twenty-year sediment contamination trends in some tributaries of Lake Maggiore (Northern Italy): relation with anthropogenic factors. <i>Environmental Science and Pollution Research</i> , 2021, 28, 38193-38208.	5.3	21
41	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	1.5	20
42	Intensive monitoring of conventional and surrogate quality parameters in a highly urbanized river affected by multiple combined sewer overflows. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 953-966.	2.1	20
43	No benefits from warming even for subnival vegetation in the central Himalayas. <i>Science Bulletin</i> , 2021, 66, 1825-1829.	9.0	20
44	Phosphorus content in a deep river sediment core as a tracer of long-term (1962-2011) anthropogenic impacts: A lesson from the Milan metropolitan area. <i>Science of the Total Environment</i> , 2019, 646, 37-48.	8.0	19
45	Internal wave weather heterogeneity in a deep multi-basin subalpine lake resulting from wavelet transform and numerical analysis. <i>Advances in Water Resources</i> , 2014, 71, 149-161.	3.8	18
46	Dynamical Drivers of the Local Wind Regime in a Himalayan Valley. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,186.	3.3	16
47	Soil properties and trace elements distribution along an altitudinal gradient on the southern slope of Mt. Everest, Nepal. <i>Catena</i> , 2018, 162, 61-71.	5.0	15
48	Persistent organic pollutants in sediments of high-altitude Alpine ponds within Stelvio National Park, Italian Alps. <i>Inland Waters</i> , 2017, 7, 34-44.	2.2	14
49	Endogenous origin of foams in lakes: a long-term analysis for Lake Maggiore (northern Italy). <i>Hydrobiologia</i> , 2016, 767, 249-265.	2.0	12
50	Climate change and water abstraction impacts on the long-term variability of water levels in Lake Bracciano (Central Italy): A Random Forest approach. <i>Journal of Hydrology: Regional Studies</i> , 2021, 37, 100880.	2.4	12
51	Adaptation Strategies for Water Resources: Criteria for Research. <i>Water (Switzerland)</i> , 2017, 9, 805.	2.7	11
52	A Stakeholder Oriented Modelling Framework for the Early Detection of Shortage in Water Supply Systems. <i>Water (Switzerland)</i> , 2018, 10, 762.	2.7	10
53	Summer afternoon precipitation associated with wind convergence near the Himalayan glacier fronts. <i>Atmospheric Research</i> , 2021, 259, 105658.	4.1	10
54	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

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55	A rock-glacier " pond system (NW Italian Alps): Soil and sediment properties, geochemistry, and trace-metal bioavailability. <i>Catena</i> , 2020, 194, 104700.	5.0	9
56	An Integrated Decision Support Toolbox (DST) for the Management of Mountain Protected Areas. <i>Mountain Research and Development</i> , 2010, 30, 94-102.	1.0	8
57	Water-quality management in a vulnerable large river: the Nile in Egypt. <i>International Journal of River Basin Management</i> , 2013, 11, 205-219.	2.7	8
58	Early growing-season precipitation drives radial growth of alpine juniper shrubs in the central Himalayas. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2020, 102, 317-330.	1.5	8
59	Seasonal variations in the optical characteristics of dissolved organic matter in glacial pond water. <i>Science of the Total Environment</i> , 2021, 759, 143464.	8.0	8
60	Mechanism of Daytime Strong Winds on the Northern Slopes of Himalayas, near Mount Everest: Observation and Simulation. <i>Journal of Applied Meteorology and Climatology</i> , 2018, 57, 255-272.	1.5	7
61	Do recent meteorological drought events in central Italy result from long-term trend or increasing variability?. <i>International Journal of Climatology</i> , 2022, 42, 4111-4128.	3.5	7
62	Chemical characterization of biomass fuel particulate deposits and ashes in households of Mt. Everest region (NEPAL). <i>Science of the Total Environment</i> , 2016, 573, 751-759.	8.0	6
63	Climate Change Impacts on Sediment Quality of Subalpine Reservoirs: Implications on Management. <i>Water (Switzerland)</i> , 2017, 9, 680.	2.7	5
64	Impact of Global and Local Pressures on the Ecology of a Medium-Sized Pre-Alpine Lake. <i>Developments in Environmental Modelling</i> , 2012, 25, 259-274.	0.3	3
65	Coupling high-resolution measurements to a three-dimensional lake model to assess the spatial and temporal dynamics of the cyanobacterium <i>Planktothrix rubescens</i> in a medium-sized lake. , 2012, , 77-95.		3
66	Climate "Water" Ecosystem "Interactions: Insights from Four Continent " Case Studies. <i>Water (Switzerland)</i> , 2020, 12, 1445.	2.7	2
67	Lake Watershed Dynamics and Bathymetry Modeling of Rara and Begnas Lakes in Nepal. <i>Earth</i> , 2021, 2, 272-286.	2.2	1
68	Factors Controlling the Hydraulic Efficiency of Green Roofs in the Metropolitan Area of Milan (Italy). <i>Sustainability</i> , 2021, 13, 13638.	3.2	0