

Giulia Zuecco

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3413036/publications.pdf>

Version: 2024-02-01

24
papers

933
citations

471509

17
h-index

610901

24
g-index

37
all docs

37
docs citations

37
times ranked

1366
citing authors

#	ARTICLE	IF	CITATIONS
1	Ideas and perspectives: Tracing terrestrial ecosystem water fluxes using hydrogen and oxygen stable isotopes – challenges and opportunities from an interdisciplinary perspective. <i>Biogeosciences</i> , 2018, 15, 6399-6415.	3.3	115
2	A versatile index to characterize hysteresis between hydrological variables at the runoff event timescale. <i>Hydrological Processes</i> , 2016, 30, 1449-1466.	2.6	105
3	Seasonal changes in runoff generation in a small forested mountain catchment. <i>Hydrological Processes</i> , 2015, 29, 2027-2042.	2.6	95
4	Technical Note: Evaluation of between-sample memory effects in the analysis of $\delta^2\text{H}$ and $\delta^{18}\text{O}$ of water samples measured by laser spectrometers. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 3925-3933.	4.9	78
5	Hydrological response of an Alpine catchment to rainfall and snowmelt events. <i>Journal of Hydrology</i> , 2016, 537, 382-397.	5.4	75
6	Rainfall estimation from in situ soil moisture observations at several sites in Europe: an evaluation of the SM2RAIN algorithm. <i>Journal of Hydrology and Hydromechanics</i> , 2015, 63, 201-209.	2.0	73
7	Depth distribution of soil water sourced by plants at the global scale: A new direct inference approach. <i>Ecohydrology</i> , 2020, 13, e2177.	2.4	43
8	Quantification of subsurface hydrologic connectivity in four headwater catchments using graph theory. <i>Science of the Total Environment</i> , 2019, 646, 1265-1280.	8.0	42
9	Understanding hydrological processes in glacierized catchments: Evidence and implications of highly variable isotopic and electrical conductivity data. <i>Hydrological Processes</i> , 2019, 33, 816-832.	2.6	38
10	Tracing the Water Sources of Trees and Streams: Isotopic Analysis in a Small Pre-Alpine Catchment. <i>Procedia Environmental Sciences</i> , 2013, 19, 106-112.	1.4	33
11	Response time and water origin in a steep nested catchment in the Italian Dolomites. <i>Hydrological Processes</i> , 2017, 31, 768-782.	2.6	31
12	Downscaling near-surface soil moisture from field to plot scale: A comparative analysis under different environmental conditions. <i>Journal of Hydrology</i> , 2018, 557, 97-108.	5.4	26
13	Catchment-scale Permafrost Mapping using Spring Water Characteristics. <i>Permafrost and Periglacial Processes</i> , 2016, 27, 253-270.	3.4	25
14	Analysis of the mass balance time series of glaciers in the Italian Alps. <i>Cryosphere</i> , 2016, 10, 695-712.	3.9	23
15	Runoff generation in mountain catchments: long-term hydrological monitoring in the Rio Vauz Catchment, Italy. <i>Cuadernos De Investigacion Geografica</i> , 2018, 44, 397-428.	1.1	22
16	How does streamflow response vary with spatial scale? Analysis of controls in three nested Alpine catchments. <i>Journal of Hydrology</i> , 2019, 570, 705-718.	5.4	20
17	Alternative methods to determine the $\delta^2\text{H}$ - $\delta^{18}\text{O}$ relationship: An application to different water types. <i>Journal of Hydrology</i> , 2020, 587, 124951.	5.4	19
18	A comparative study of plant water extraction methods for isotopic analyses: Scholander-type pressure chamber vs. cryogenic vacuum distillation. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 3673-3689.	4.9	17

#	ARTICLE	IF	CITATIONS
19	Seasonal snow cover decreases young water fractions in high Alpine catchments. <i>Hydrological Processes</i> , 2020, 34, 4794-4813.	2.6	15
20	No evidence of isotopic fractionation in olive trees (<i>Olea europaea</i>): a stable isotope tracing experiment. <i>Hydrological Sciences Journal</i> , 2021, 66, 2415-2430.	2.6	11
21	Intrinsic vulnerability of the Isonzo/Soča high plain aquifer (NE Italy – W Slovenia). <i>Journal of Maps</i> , 2017, 13, 799-810.	2.0	7
22	Ressi experimental catchment: Ecohydrological research in the Italian Alps.	2.6	6
23	Soil water hydraulic redistribution in a subtropical monsoon evergreen forest. <i>Science of the Total Environment</i> , 2022, 835, 155437.	8.0	3
24	Towards Improved Understanding of Land Use Effect on Soil Moisture Variability: Analysis and Modeling at the Plot Scale. <i>Procedia Environmental Sciences</i> , 2013, 19, 456-464.	1.4	1