

SÃ©bastien Santoni

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

335
citations

840776

11
h-index

839539

18
g-index

26
all docs

26
docs citations

26
times ranked

327
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotope hydrology to provide insights into the behaviour of temporary wetlands as a basis for developing sustainable ecohydrological management strategies in Mediterranean regions. <i>Ecohydrology</i> , 2022, 15, .	2.4	2
2	Temporal offset between precipitation and water uptake of Mediterranean pine trees varies with elevation and season. <i>Science of the Total Environment</i> , 2021, 755, 142539.	8.0	10
3	Assessing the hydrogeological resilience of a groundwater-dependent Mediterranean peatland: Impact of global change and role of water management strategies. <i>Science of the Total Environment</i> , 2021, 768, 144721.	8.0	8
4	Evaporation in Mediterranean conditions: Estimations based on isotopic approaches at the watershed scale. <i>Hydrological Processes</i> , 2021, 35, e14085.	2.6	8
5	Altitude isotope effects in Mediterranean high-relief terrains: a correction method to utilize stream water data. <i>Hydrological Sciences Journal</i> , 2021, 66, 1409-1418.	2.6	5
6	The Dry and the Wet Case: Tree Growth Response in Climatologically Contrasting Years on the Island of Corsica. <i>Forests</i> , 2021, 12, 1175.	2.1	6
7	Geochemical and Isotope Characterisation of Thermo-Mineral Springs of Corsica Island: From Geological Complexity to Groundwater Singularity. <i>Water (Switzerland)</i> , 2021, 13, 2413.	2.7	3
8	Fog - low stratus (FLS) regimes on Corsica with wind and PBLH as key drivers. <i>Atmospheric Research</i> , 2021, 261, 105731.	4.1	1
9	How Do Mediterranean Pine Trees Respond to Drought and Precipitation Events along an Elevation Gradient?. <i>Forests</i> , 2020, 11, 758.	2.1	16
10	First indications of seasonal and spatial variations of water sources in pine trees along an elevation gradient in a Mediterranean ecosystem derived from $\delta^{18}O$. <i>Chemical Geology</i> , 2020, 549, 119695.	3.3	12
11	Tritium as a hydrological tracer in Mediterranean precipitation events. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3555-3568.	4.9	14
12	Detection and quantification of low submarine groundwater discharge flows by radionuclides to support conceptual hydrogeological model of porous aquifers. <i>Journal of Hydrology</i> , 2020, 583, 124606.	5.4	4
13	Partitioning of Large-Scale and Local-Scale Precipitation Events by Means of Spatio-Temporal Precipitation Regimes on Corsica. <i>Atmosphere</i> , 2020, 11, 417.	2.3	14
14	A Dendroecological Fire History for Central Corsica/France. <i>Tree-Ring Research</i> , 2020, 76, 40.	0.6	7
15	Coupling isotope hydrology, geochemical tracers and emerging compounds to evaluate mixing processes and groundwater dependence of a highly anthropized coastal hydrosystem. <i>Journal of Hydrology</i> , 2019, 578, 123979.	5.4	18
16	The relationship between climate and the intra-annual oxygen isotope patterns from pine trees: a case study along an elevation gradient on Corsica, France. <i>Annals of Forest Science</i> , 2019, 76, 1.	2.0	9
17	Growth variability of two native pine species on Corsica as a function of elevation. <i>Dendrochronologia</i> , 2019, 54, 49-55.	2.2	12
18	Combinations of geoenvironmental data underline coastal aquifer anthropogenic nitrate legacy through groundwater vulnerability mapping methods. <i>Science of the Total Environment</i> , 2019, 658, 1390-1403.	8.0	29

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19	Riverine carbon dioxide evasion along a high-relief watercourse derived from seasonal dynamics of the water-atmosphere gas exchange. <i>Science of the Total Environment</i> , 2019, 657, 1311-1322.	8.0	5
20	Multiple recharge processes to heterogeneous Mediterranean coastal aquifers and implications on recharge rates evolution in time. <i>Journal of Hydrology</i> , 2018, 559, 669-683.	5.4	20
21	An Analytical Method for Assessing Recharge Using Groundwater Travel Time in Dupuit-Forchheimer Aquifers. <i>Ground Water</i> , 2018, 56, 986-992.	1.3	7
22	Delayed nitrate dispersion within a coastal aquifer provides constraints on land-use evolution and nitrate contamination in the past. <i>Science of the Total Environment</i> , 2018, 644, 928-940.	8.0	44
23	Multi-tracers Strategy to Define a Conceptual Model for the Coastal Aquifers of Mediterranean Islands, Case Study of the Bonifacio Aquifer (Corsica, France). <i>Environmental Earth Sciences</i> , 2018, , 297-304.	0.2	0
24	Strontium isotopes as tracers of water-rocks interactions, mixing processes and residence time indicator of groundwater within the granite-carbonate coastal aquifer of Bonifacio (Corsica.) <i>Tj ETQq 0 0 0 rgBT /Overlock 10 54 50 537 T</i>		
25	Residence time, mineralization processes and groundwater origin within a carbonate coastal aquifer with a thick unsaturated zone. <i>Journal of Hydrology</i> , 2016, 540, 50-63.	5.4	27