

Naomi Mazzilli

List of Publications by Year in descending order

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33
papers

784
citations

516710

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526287

27
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all docs

43
docs citations

43
times ranked

875
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Withdrawals on Karst Watershed Water Supply. <i>Water (Switzerland)</i> , 2022, 14, 1339.	2.7	3
2	Karst spring discharge modeling based on deep learning using spatially distributed input data. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 2405-2430.	4.9	17
3	Assessment of the relative impacts of climate changes and anthropogenic forcing on spring discharge of a Mediterranean karst system. <i>Journal of Hydrology</i> , 2021, 598, 126396.	5.4	22
4	An evapotranspiration model driven by remote sensing data for assessing groundwater resource in karst watershed. <i>Science of the Total Environment</i> , 2021, 781, 146706.	8.0	15
5	Karst modelling challenge 1: Results of hydrological modelling. <i>Journal of Hydrology</i> , 2021, 600, 126508.	5.4	31
6	Identification of relevant indicators for the assessment of karst systems hydrological functioning: Proposal of a new classification. <i>Journal of Hydrology</i> , 2021, 603, 127006.	5.4	9
7	Karst recharge-discharge semi distributed model to assess spatial variability of flows. <i>Science of the Total Environment</i> , 2020, 703, 134368.	8.0	38
8	Surface Nuclear Magnetic Resonance Monitoring Reveals Karst Unsaturated Zone Recharge Dynamics during a Rain Event. <i>Water (Switzerland)</i> , 2020, 12, 3183.	2.7	10
9	Taking into Account both Explicit Conduits and the Unsaturated Zone in Karst Reservoir Hybrid Models: Impact on the Outlet Hydrograph. <i>Water (Switzerland)</i> , 2020, 12, 3221.	2.7	5
10	Modeling the Matrix-Conduit Exchanges in Both the Epikarst and the Transmission Zone of Karst Systems. <i>Water (Switzerland)</i> , 2020, 12, 3219.	2.7	9
11	Global karst springs hydrograph dataset for research and management of the world's fastest-flowing groundwater. <i>Scientific Data</i> , 2020, 7, 59.	5.3	45
12	A QGIS Plugin Based on the PaPRIKa Method for Karst Aquifer Vulnerability Mapping. <i>Ground Water</i> , 2019, 57, 201-204.	1.3	8
13	Dynamics of the Flow Exchanges between Matrix and Conduits in Karstified Watersheds at Multiple Temporal Scales. <i>Water (Switzerland)</i> , 2019, 11, 569.	2.7	24
14	Karst flow processes explored through analysis of long-term unsaturated-zone discharge hydrochemistry: a 10-year study in Rustrel, France. <i>Hydrogeology Journal</i> , 2019, 27, 1711-1723.	2.1	16
15	Monitoring of groundwater redistribution in a karst aquifer using a superconducting gravimeter. <i>E3S Web of Conferences</i> , 2019, 88, 03001.	0.5	9
16	Challenges and Limitations of Karst Aquifer Vulnerability Mapping Based on the PaPRIKa Method: Application to a Large European Karst Aquifer (Fontaine de Vaucluse, France). <i>Environments - MDPI</i> , 2019, 6, 39.	3.3	11
17	KarstMod: A modelling platform for rainfall - discharge analysis and modelling dedicated to karst systems. <i>Environmental Modelling and Software</i> , 2019, 122, 103927.	4.5	50
18	OZCAR: The French Network of Critical Zone Observatories. <i>Vadose Zone Journal</i> , 2018, 17, 1-24.	2.2	126

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19	SNO KARST: A French Network of Observatories for the Multidisciplinary Study of Critical Zone Processes in Karst Watersheds and Aquifers. <i>Vadose Zone Journal</i> , 2018, 17, 1-18.	2.2	37
20	Management and research strategies of karst aquifers in Greece: Literature overview and exemplification based on hydrodynamic modelling and vulnerability assessment of a strategic karst aquifer. <i>Science of the Total Environment</i> , 2018, 643, 592-609.	8.0	49
21	Assessment of groundwater recharge processes through karst vadose zone by cave percolation monitoring. <i>Hydrological Processes</i> , 2018, 32, 2069-2083.	2.6	39
22	Estimating epikarst water storage by time-lapse surface-to-depth gravity measurements. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 3825-3839.	4.9	19
23	Groundwater management of a highly dynamic karst by assessing baseflow and quickflow with a rainfall-discharge model (Dardennes springs, SE France). <i>Bulletin - Societe Geologique De France</i> , 2017, 188, 40.	2.2	23
24	The role of porous matrix in water flow regulation within a karst unsaturated zone: an integrated hydrogeophysical approach. <i>Hydrogeology Journal</i> , 2016, 24, 1905-1918.	2.1	41
25	Contribution of magnetic resonance soundings for characterizing water storage in the unsaturated zone of karst aquifers. <i>Geophysics</i> , 2016, 81, WB49-WB61.	2.6	22
26	KARSTMOD: A Generic Modular Reservoir Model Dedicated to Spring Discharge Modeling and Hydrodynamic Analysis in Karst. , 2015, , 339-344.		8
27	Flash flood mitigation as a positive consequence of anthropogenic forcing on the groundwater resource in a karst catchment. <i>Environmental Earth Sciences</i> , 2014, 71, 573-583.	2.7	39
28	Water in Karst Hydrosystems Unsaturated Zone; MRS Evidences within an Integrated Hydrogeophysical Approach. , 2014, , .		1
29	On the inclusion of ground-based gravity measurements to the calibration process of a global rainfall-discharge reservoir model: case of the Durzon karst system (Larzac, southern France). <i>Environmental Earth Sciences</i> , 2013, 68, 1631-1646.	2.7	11
30	Teaching groundwater flow processes: connecting lecture to practical and field classes. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 1975-1984.	4.9	6
31	Sensitivity analysis of conceptual model calibration to initialisation bias. Application to karst spring discharge models. <i>Advances in Water Resources</i> , 2012, 42, 1-16.	3.8	18
32	Applicability of MRS Soundings for the Characterisation of the Unsaturated Zone of Karst Systems. , 2012, , .		1
33	Sensitivity analysis of two-dimensional steady-state aquifer flow equations. Implications for groundwater flow model calibration and validation. <i>Advances in Water Resources</i> , 2010, 33, 905-922.	3.8	11