

Fulvio Celico

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9415353/publications.pdf>

Version: 2024-02-01

50
papers

809
citations

430874

18
h-index

552781

26
g-index

50
all docs

50
docs citations

50
times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogeological behaviour of some fault zones in a carbonate aquifer of Southern Italy: an experimentally based model. <i>Terra Nova</i> , 2006, 18, 308-313.	2.1	72
2	A global review on ambient Limestone-Precipitating Springs (LPS): Hydrogeological setting, ecology, and conservation. <i>Science of the Total Environment</i> , 2016, 568, 624-637.	8.0	53
3	Influence of Precipitation and Soil on Transport of Fecal Enterococci in Fractured Limestone Aquifers. <i>Applied and Environmental Microbiology</i> , 2004, 70, 2843-2847.	3.1	50
4	Groundwater quality assessment for different uses using various water quality indices in semi-arid region of central Tunisia. <i>Environmental Science and Pollution Research</i> , 2021, 28, 46669-46691.	5.3	33
5	Unusual behaviour of epikarst in the Acqua dei Faggi carbonate aquifer (Southern Italy). <i>Terra Nova</i> , 2007, 19, 82-88.	2.1	32
6	A high-altitude temporary spring in a compartmentalized carbonate aquifer: the role of low-permeability faults and karst conduits. <i>Hydrological Processes</i> , 2009, 23, 3354-3364.	2.6	32
7	Influence of pyroclastic soil on epikarst formation: a test study in southern Italy. <i>Terra Nova</i> , 2010, 22, 110-115.	2.1	25
8	The effect of low-permeability fault zones on groundwater flow in a compartmentalized system. Experimental evidence from a carbonate aquifer (Southern Italy). <i>Hydrological Processes</i> , 2015, 29, 1577-1587.	2.6	24
9	Microorganisms as contaminants and natural tracers: a 10-year research in some carbonate aquifers (southern Italy). <i>Environmental Earth Sciences</i> , 2015, 74, 173-184.	2.7	22
10	A conceptual hydrogeological model of ophiolitic aquifers (serpentinised peridotite): The test example of Mt. Prinzera (Northern Italy). <i>Hydrological Processes</i> , 2017, 31, 1058-1073.	2.6	22
11	Influence of topsoil of pyroclastic origin on microbial contamination of groundwater in fractured carbonate aquifers. <i>Hydrogeology Journal</i> , 2008, 16, 1057-1064.	2.1	21
12	Mixing of water in a carbonate aquifer, southern Italy, analysed through stable isotope investigations. <i>International Journal of Speleology</i> , 2013, 42, 25-33.	1.0	21
13	Use of molecular approaches in hydrogeological studies: the case of carbonate aquifers in southern Italy. <i>Hydrogeology Journal</i> , 2017, 25, 1017-1031.	2.1	21
14	Is Flood Irrigation a Potential Driver of River-Groundwater Interactions and Diffuse Nitrate Pollution in Agricultural Watersheds?. <i>Water (Switzerland)</i> , 2019, 11, 2304.	2.7	21
15	Non-permanent shallow halocline in a fractured carbonate aquifer, southern Italy. <i>Journal of Hydrology</i> , 2009, 373, 267-272.	5.4	20
16	Potential use of microbial community investigations to analyse hydrothermal systems behaviour: the case of Ischia Island, Southern Italy. <i>Hydrological Processes</i> , 2011, 25, 1866-1873.	2.6	20
17	Heterogeneous aquitard properties in sedimentary successions in the Apennine chain: case studies in southern Italy. <i>Hydrological Processes</i> , 2009, 23, 3365-3371.	2.6	19
18	Role of organic matter and clay fraction on migration of <i>Escherichia coli</i> cells through pyroclastic soils, southern Italy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 72, 57-61.	5.0	18

#	ARTICLE	IF	CITATIONS
19	Bacterial migration through low-permeability fault zones in compartmentalised aquifer systems: a case study in Southern Italy. <i>International Journal of Speleology</i> , 2014, 43, 273-281.	1.0	18
20	Groundwater characterization from an ecological and human perspective: an interdisciplinary approach in the Functional Urban Area of Parma, Italy. <i>Rendiconti Lincei</i> , 2019, 30, 93-108.	2.2	18
21	Filtration of <i>Bacillus subtilis</i> and <i>Bacillus cereus</i> spores in a pyroclastic topsoil, carbonate Apennines, southern Italy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 70, 25-28.	5.0	17
22	Seawater intrusion in the Guanahacabibes Peninsula (Pinar del Rio Province, western Cuba): effects on karst development and water isotope composition. <i>Environmental Earth Sciences</i> , 2015, 73, 5703-5719.	2.7	17
23	River- Groundwater Interaction and Recharge Effects on Microplastics Contamination of Groundwater in Confined Alluvial Aquifers. <i>Water (Switzerland)</i> , 2022, 14, 1913.	2.7	16
24	Winter survival of microbial contaminants in soil: An in situ verification. <i>Journal of Environmental Sciences</i> , 2015, 27, 131-138.	6.1	15
25	Assessment of groundwater vulnerability using genetic algorithm and random forest methods (case) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 39598-39613.	5.3	14
26	Integrating Hydrogeological and Microbiological Data and Modelling to Characterize the Hydraulic Features and Behaviour of Coastal Carbonate Aquifers: A Case in Western Cuba. <i>Water (Switzerland)</i> , 2019, 11, 1989.	2.7	13
27	Hypersaline groundwater genesis assessment through a multidisciplinary approach: the case of Pozzo del Sale Spring (southern Italy). <i>Hydrogeology Journal</i> , 2008, 16, 1441-1451.	2.1	12
28	Hydrogeological mapping of heterogeneous and multi-layered ophiolitic aquifers (Mountain Prinzerà,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2.9	2.9	12
29	The Pozzo del Sale Groundwaters (Irpina, Southern Apennines, Italy): Origin and Mechanisms of Salinization. <i>Aquatic Geochemistry</i> , 2013, 19, 303-322.	1.3	11
30	Potential Enhancement of the In-Situ Bioremediation of Contaminated Sites through the Isolation and Screening of Bacterial Strains in Natural Hydrocarbon Springs. <i>Water (Switzerland)</i> , 2020, 12, 2090.	2.7	10
31	Reactive Silica Traces Manure Spreading in Alluvial Aquifers Affected by Nitrate Contamination: A Case Study in a High Plain of Northern Italy. <i>Water (Switzerland)</i> , 2020, 12, 2511.	2.7	10
32	A multidisciplinary procedure to evaluate and optimize the efficacy of hydraulic barriers in contaminated sites: a case study in Northern Italy. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	9
33	Hydrodynamic and Soil Biodiversity Characterization in an Active Landslide. <i>Water (Switzerland)</i> , 2019, 11, 1882.	2.7	9
34	Studying Hydraulic Interconnections in Low-Permeability Media by Using Bacterial Communities as Natural Tracers. <i>Water (Switzerland)</i> , 2020, 12, 1795.	2.7	8
35	Natural Surface Hydrocarbons and Soil Faunal Biodiversity: A Bioremediation Perspective. <i>Water (Switzerland)</i> , 2020, 12, 2358.	2.7	8
36	Coupled Microbiological-Isotopic Approach for Studying Hydrodynamics in Deep Reservoirs: The Case of the Val d'Agri Oilfield (Southern Italy). <i>Water (Switzerland)</i> , 2020, 12, 1483.	2.7	7

#	ARTICLE	IF	CITATIONS
37	Short-Term Effects of the EU Nitrate Directive Reintroduction: Reduced N Loads to River from an Alluvial Aquifer in Northern Italy. <i>Hydrology</i> , 2022, 9, 44.	3.0	7
38	Influence of soil on groundwater geochemistry in a carbonate aquifer, southern Italy. <i>International Journal of Speleology</i> , 2014, 43, 79-94.	1.0	6
39	Analysis of the Saltwater Wedge in a Coastal Karst Aquifer with a Double Conduit Network, Numerical Simulations and Sensitivity Analysis. <i>Water (Switzerland)</i> , 2019, 11, 2311.	2.7	6
40	A multi-parameter field monitoring system to investigate the dynamics of large earth slides—earth flows in the Northern Apennines, Italy. <i>Engineering Geology</i> , 2020, 275, 105780.	6.3	6
41	Estimation of recharge in mountain hard-rock aquifers based on discrete spring discharge monitoring during base-flow recession. <i>Hydrogeology Journal</i> , 2021, 29, 949-961.	2.1	6
42	A Python Script to Compute Isochrones for MODFLOW. <i>Ground Water</i> , 2018, 56, 343-349.	1.3	5
43	High-resolution shock-capturing numerical simulations of three-phase immiscible fluids from the unsaturated to the saturated zone. <i>Scientific Reports</i> , 2021, 11, 5212.	3.3	5
44	Hydrogeological Behaviour and Geochemical Features of Waters in Evaporite-Bearing Low-Permeability Successions: A Case Study in Southern Sicily, Italy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8177.	2.5	4
45	Groundwater Modelling in Karst Areas. <i>Water (Switzerland)</i> , 2021, 13, 854.	2.7	4
46	Investigating the migration of immiscible contaminant fluid flow in homogeneous and heterogeneous aquifers with high-precision numerical simulations. <i>PLoS ONE</i> , 2022, 17, e0266486.	2.5	4
47	The influence of hydrogeological properties, seawater intrusion and refreshing on the quality of groundwater used for irrigation in an agricultural coastal plain in North Sardinia, Italy. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	3
48	How do turbidite systems behave from the hydrogeological point of view? New insights and open questions coming from an interdisciplinary work in southern Italy. <i>PLoS ONE</i> , 2022, 17, e0268252.	2.5	3
49	THE GREY WATERFOOTPRINT OF CATTLE GRAZING: A CASE OF STUDY FOR ITALY. , 2018, , 98-102.		0
50	The Ecotoxicity Approach as a Tool for Assessing Vermiremediation Effectiveness in Polychlorobiphenyls, Polychlorodibenzo-p-Dioxins and Furans Contaminated Soils. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	0