

Matteo Cultrera

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

315
citations

933447

10
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996975

15
g-index

28
all docs

28
docs citations

28
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	An updated ground thermal properties database for GSHP applications. <i>Geothermics</i> , 2020, 85, 101758.	3.4	82
2	Thermal short circuit on groundwater heat pump. <i>Applied Thermal Engineering</i> , 2013, 57, 107-115.	6.0	47
3	Laboratory Measurements of Gravel Thermal Conductivity: An Update Methodological Approach. <i>Energy Procedia</i> , 2017, 125, 671-677.	1.8	37
4	Thermal Response Testing Results of Different Types of Borehole Heat Exchangers: An Analysis and Comparison of Interpretation Methods. <i>Energies</i> , 2017, 10, 801.	3.1	35
5	A Database for Climatic Conditions around Europe for Promoting GSHP Solutions. <i>Geosciences (Switzerland)</i> , 2018, 8, 71.	2.2	18
6	Ground source heat pump systems in historical buildings: two Italian case studies. <i>Energy Procedia</i> , 2017, 133, 183-194.	1.8	16
7	A new hydrostratigraphic model of Venice area (Italy). <i>Environmental Earth Sciences</i> , 2012, 66, 1021-1030.	2.7	14
8	European project "Cheap-GSHPs" installation and monitoring of newly designed helicoidal ground source heat exchanger on the German test site. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	13
9	Generalized Pan-European Geological Database for Shallow Geothermal Installations. <i>Geosciences (Switzerland)</i> , 2018, 8, 32.	2.2	12
10	Modelling an induced thermal plume with data from electrical resistivity tomography and distributed temperature sensing: a case study in northeast Italy. <i>Hydrogeology Journal</i> , 2018, 26, 837-851.	2.1	11
11	Underground warehouses for food storage in the Dolomites (Eastern alps " Italy) and energy efficiency. <i>Tunnelling and Underground Space Technology</i> , 2020, 102, 103411.	6.2	10
12	Revision of hydrothermal constraints for the installation of closed-loop shallow geothermal systems through underground investigation, monitoring and modeling. <i>Renewable Energy</i> , 2020, 153, 1378-1395.	8.9	6
13	Soil thermal conductivity from early TRT logs using an active hybrid optic fibre system. , 2018, , .		6
14	EU project "Cheap-GSHPs" the geoexchange field laboratory. <i>Energy Procedia</i> , 2017, 125, 511-519.	1.8	4
15	Corto circuito termico nei sistemi di geoscambio a circuito aperto. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 0, , .	0.3	1
16	La termogeologia, una nuova branca dell' "idrogeologia?. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2012, 1, .	0.3	1
17	Design of deep geothermal wells. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2016, 5, .	0.3	1
18	Laboratory thermal conductivity measurements on gravel sample. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2018, 7, 67-70.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Sistemi a circuito aperto/circuito chiuso: un confronto. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2012, 1, .	0.3	0
20	Energia geotermica o geoscambio?. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2013, 2, .	0.3	0
21	Introduzione ai sistemi di geoscambio. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2013, 2, .	0.3	0
22	Sonde geotermiche verticali: materiali di riempimento del perforo. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2014, 3, .	0.3	0
23	Geotermia e geofisica. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2015, 4, .	0.3	0
24	Isole urbane calde ed acque sotterranee. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2015, , .	0.3	0
25	Risk factors of conceiving a project to produce electrical energy. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2016, , .	0.3	0
26	Introduction to thermal response tests. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 0, , .	0.3	0
27	The EU project Cheap-GSHPs. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 2017, 6, .	0.3	0
28	Heat as a tracer. <i>Acque Sotterranee - Italian Journal of Groundwater</i> , 0, , .	0.3	0