

Claudio Alimonti

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

395
citations

1040056

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888059

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22
all docs

22
docs citations

22
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	Back Analysis of a Horizontal Geothermal Plant Implemented in a Wine Production Process. Sustainability, 2022, 14, 157.	3.2	1
2	Producing geothermal energy with a deep borehole heat exchanger: Exergy optimization of different applications and preliminary design criteria. Energy, 2021, 220, 119679.	8.8	16
3	Roman Aqueduct Flow Estimation Using Geomatic Measurement. ISPRS International Journal of Geo-Information, 2021, 10, 360.	2.9	2
4	Looking forward to a decarbonized era: Geothermal potential assessment for oil & gas fields in Italy. Geothermics, 2021, 93, 102070.	3.4	14
5	Selecting the Optimal Use of the Geothermal Energy Produced with a Deep Borehole Heat Exchanger: Exergy Performance. Proceedings (mdpi), 2020, 58, 20.	0.2	1
6	Geothermal Repurposing of Depleted Oil and Gas Wells in Italy. Proceedings (mdpi), 2020, 58, .	0.2	8
7	A comprehensive exergy evaluation of a deep borehole heat exchanger coupled with a ORC plant: the case study of Campi Flegrei. Energy, 2019, 189, 116100.	8.8	24
8	The wellbore heat exchangers: A technical review. Renewable Energy, 2018, 123, 353-381.	8.9	55
9	A systematic study of harnessing low-temperature geothermal energy from oil and gas reservoirs. Energy, 2018, 142, 346-355.	8.8	69
10	Measuring and leveling roman aqueducts to estimate their flows. , 2018, , .		2
11	Reliability Analysis Applied on Land Subsidence Effects of Groundwater Remediation: Probabilistic vs. Deterministic Approach. Water Resources Management, 2017, 31, 1745-1758.	3.9	3
12	Study of geothermal power generation from a very deep oil well with a wellbore heat exchanger. Renewable Energy, 2016, 86, 292-301.	8.9	81
13	Reliability Analysis for Preliminary Forecasts of Hydrogeological Unit Productivity. Water Resources Management, 2015, 29, 3771-3785.	3.9	3
14	Harnessing the fluids heat to improve mature oil field: The Villafortunaâ€“Trecate case study. Journal of Petroleum Science and Engineering, 2015, 125, 256-262.	4.2	11
15	Evaluating the Available Regional Groundwater Resources Using the Distributed Hydrogeological Budget. Water Resources Management, 2014, 28, 749-765.	3.9	9
16	Experimental characterization of globe and gate valves in vertical gasâ€“liquid flows. Experimental Thermal and Fluid Science, 2014, 54, 259-266.	2.7	52
17	Two-phase flow characteristics in multiple orifice valves. Experimental Thermal and Fluid Science, 2010, 34, 1324-1333.	2.7	39
18	Using Transient Inflow Performance Relationships to Model the Dynamic Interaction Between Reservoir and Wellbore During Pressure Testing. Journal of Energy Resources Technology, Transactions of the ASME, 2008, 130, .	2.3	4

#	ARTICLE	IF	CITATIONS
19	The Challenges of Multiphase Flow Metering: Today and Beyond. , 2007, , .		1
20	Using Transient Inflow Performance Relationships to Model the Dynamic Interaction Between Reservoir and Wellbore During Pressure Testing. , 2007, , .		0