

Mar Alcaraz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4772141/publications.pdf>

Version: 2024-02-01

13
papers

283
citations

933447

10
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	GIS-supported mapping of low-temperature geothermal potential taking groundwater flow into account. <i>Renewable Energy</i> , 2015, 77, 268-278.	8.9	61
2	The use of GIS-based 3D geological tools to improve hydrogeological models of sedimentary media in an urban environment. <i>Environmental Earth Sciences</i> , 2013, 68, 2145-2162.	2.7	42
3	Advection and dispersion heat transport mechanisms in the quantification of shallow geothermal resources and associated environmental impacts. <i>Science of the Total Environment</i> , 2016, 543, 536-546.	8.0	38
4	Use rights markets for shallow geothermal energy management. <i>Applied Energy</i> , 2016, 172, 34-46.	10.1	26
5	Cb-SAR interferometry displacement measurements during dewatering in construction works. Case of La Sagrera railway station in Barcelona, Spain. <i>Engineering Geology</i> , 2016, 205, 104-115.	6.3	25
6	The propagation of complex flood-induced head wavefronts through a heterogeneous alluvial aquifer and its applicability in groundwater flood risk management. <i>Journal of Hydrology</i> , 2015, 527, 402-419.	5.4	21
7	GIS-based hydrogeochemical analysis tools (QUIMET). <i>Computers and Geosciences</i> , 2014, 70, 164-180.	4.2	19
8	The T-I-G ER method: A graphical alternative to support the design and management of shallow geothermal energy exploitations at the metropolitan scale. <i>Renewable Energy</i> , 2017, 109, 213-221.	8.9	16
9	An integrated GIS-based tool for aquifer test analysis. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	14
10	A loosely coupled GIS and hydrogeological modeling framework. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	10
11	3D GIS-based visualisation of geological, hydrogeological, hydrogeochemical and geothermal models. <i>Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften</i> , 2016, 167, 377-388.	0.4	8
12	Determining hydraulic connectivity of the coastal aquifer system of La Plata river estuary (Argentina) to the ocean by analysis of aquifer response to low-frequency tidal components. <i>Hydrogeology Journal</i> , 2021, 29, 1587-1599.	2.1	3
13	GIS-Based Software Platform for Managing Hydrogeochemical Data. <i>Handbook of Environmental Chemistry</i> , 2015, , 91-115.	0.4	0