

# Mar Alcaraz

## List of Publications by Year in descending order

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