

# Alfredo Battistelli

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

623  
citations

687363

13  
h-index

839539

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of coupled wellbore-reservoir flow in steam-like supercritical geothermal systems. <i>Geothermics</i> , 2020, 86, 101793.	3.4	15
2	Coupled Processes Modeling in Rock Salt and Crushed Salt Including Halite Solubility Constraints: Application to Disposal of Heat-Generating Nuclear Waste. <i>Transport in Porous Media</i> , 2018, 124, 159-182.	2.6	11
3	Interpretation of production tests in geothermal wells with T2Well-EWASG. <i>Geothermics</i> , 2018, 73, 158-167.	3.4	20
4	Thermodynamics-related processes during the migration of acid gases and methane in deep sedimentary formations. , 2017, 7, 295-312.		4
5	3D Voronoi grid dedicated software for modeling gas migration in deep layered sedimentary formations with TOUGH2-TMGAS. <i>Computers and Geosciences</i> , 2017, 108, 50-55.	4.2	10
6	Multiphysics modeling of CO2 sequestration in a faulted saline formation in Italy. <i>Advances in Water Resources</i> , 2013, 62, 570-587.	3.8	24
7	Comments on the paper: Geothermal resources in the Asal Region, Republic of Djibouti: An update with emphasis on reservoir engineering studies. <i>Geothermics</i> , 2012, 44, 78-79.	3.4	0
8	Injection of Acid Gas Mixtures in Sour Oil Reservoirs: Analysis of Near-Wellbore Processes with Coupled Modelling of Well and Reservoir Flow. <i>Transport in Porous Media</i> , 2011, 90, 233-251.	2.6	17
9	Modeling of Rocks and Cement Alteration due to CO2 Injection in an Exploited Gas Reservoir. <i>Transport in Porous Media</i> , 2011, 90, 183-200.	2.6	28
10	Application of numerical modelling to a case of compaction-driven dolomitization: a Jurassic palaeohigh in the Po Plain, Italy. <i>Sedimentology</i> , 2010, 57, 209-231.	3.1	19
11	TMGAS: A new TOUGH2 EOS module for the numerical simulation of gas mixtures injection in geological structures. <i>International Journal of Greenhouse Gas Control</i> , 2009, 3, 481-493.	4.6	49
12	Modeling Multiphase Organic Spills in Coastal Sites with TMVOC V.2.0. <i>Vadose Zone Journal</i> , 2008, 7, 316-324.	2.2	16
13	2D modeling of salt precipitation during the injection of dry CO2 in a depleted gas reservoir. <i>Energy Conversion and Management</i> , 2007, 48, 1816-1826.	9.2	129
14	Long-term aerobic cometabolism of a chlorinated solvent mixture by vinyl chloride-, methane- and propane-utilizing biomasses. <i>Journal of Hazardous Materials</i> , 2006, 138, 29-39.	12.4	37
15	Modeling Biodegradation of Organic Contaminants under Multiphase Conditions with TMVOCBio. <i>Vadose Zone Journal</i> , 2004, 3, 875-883.	2.2	16
16	Modeling Biodegradation of Organic Contaminants under Multiphase Conditions with TMVOCBio. <i>Vadose Zone Journal</i> , 2004, 3, 875-883.	2.2	1
17	The planicie costera oriental coastal aquifer (Dominican republic) a general framework analysis supported by conceptual groundwater modelling. <i>Developments in Water Science</i> , 2002, 47, 547-554.	0.1	0
18	Reservoir engineering assessment of Dubti geothermal field, Northern Tendaho Rift, Ethiopia. <i>Geothermics</i> , 2002, 31, 381-406.	3.4	31

#	ARTICLE	IF	CITATIONS
19	Evaluation of geothermal well behavior using inverse modeling. Geophysical Monograph Series, 2000, , 377-387.	0.1	3
20	Reservoir engineering assessment of low-temperature geothermal resources in the Skierniewice municipality (Poland). Geothermics, 2000, 29, 701-721.	3.4	3
21	The simulator TOUGH2/EWASG for modelling geothermal reservoirs with brines and non-condensable gas. Geothermics, 1997, 26, 437-464.	3.4	172