Alfredo Battistelli

List of Publications by Year
in descending order

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	The simulator TOUGH2/EWASG for modelling geothermal reservoirs with brines and non-condensible gas. Geothermics, 1997, 26, 437-464.	3.4	172
2	2D modeling of salt precipitation during the injection of dry CO2 in a depleted gas reservoir. Energy Conversion and Management, 2007, 48, 1816-1826.	9.2	129
3	TMGAS: A new TOUGH2 EOS module for the numerical simulation of gas mixtures injection in geological structures. International Journal of Greenhouse Gas Control, 2009, 3, 481-493.	4.6	49
4	Long-term aerobic cometabolism of a chlorinated solvent mixture by vinyl chloride-, methane- and propane-utilizing biomasses. Journal of Hazardous Materials, 2006, 138, 29-39.	12.4	37
5	Reservoir engineering assessment of Dubti geothermal field, Northern Tendaho Rift, Ethiopia. Geothermics, 2002, 31, 381-406.	3.4	31
6	Modeling of Rocks and Cement Alteration due to CO2 Injection in an Exploited Gas Reservoir. Transport in Porous Media, 2011, 90, 183-200.	2.6	28
7	Multiphysics modeling of CO2 sequestration in a faulted saline formation in Italy. Advances in Water Resources, 2013, 62, 570-587.	3.8	24
8	Interpretation of production tests in geothermal wells with T2Well-EWASG. Geothermics, 2018, 73, 158-167.	3.4	20
9	Application of numerical modelling to a case of compaction-driven dolomitization: a Jurassic palaeohigh in the Po Plain, Italy. Sedimentology, 2010, 57, 209-231.	3.1	19
10	Injection of Acid Gas Mixtures in Sour Oil Reservoirs: Analysis of Near-Wellbore Processes with Coupled Modelling of Well and Reservoir Flow. Transport in Porous Media, 2011, 90, 233-251.	2.6	17
11	Modeling Biodegradation of Organic Contaminants under Multiphase Conditions with TMVOCBio. Vadose Zone Journal, 2004, 3, 875-883.	2.2	16
12	Modeling Multiphase Organic Spills in Coastal Sites with TMVOC V.2.0. Vadose Zone Journal, 2008, 7, 316-324.	2.2	16
13	Modeling of coupled wellbore-reservoir flow in steam-like supercritical geothermal systems. Geothermics, 2020, 86, 101793.	3.4	15
14	Coupled Processes Modeling in Rock Salt and Crushed Salt Including Halite Solubility Constraints: Application to Disposal of Heat-Generating Nuclear Waste. Transport in Porous Media, 2018, 124, 159-182.	2.6	11
15	3D Voronoi grid dedicated software for modeling gas migration in deep layered sedimentary formations with TOUGH2-TMGAS. Computers and Geosciences, 2017, 108, 50-55.	4.2	10
16	Thermodynamicsâ€related processes during the migration of acid gases and methane in deep sedimentary formations. , 2017, 7, 295-312.		4
17	Evaluation of geothermal well behavior using inverse modeling. Geophysical Monograph Series, 2000, , 377-387.	0.1	3
18	Reservoir engineering assessment of low-temperature geothermal resources in the Skierniewice municipality (Poland). Geothermics, 2000, 29, 701-721.	3.4	3

#	Article	IF	Citations
19	Modeling Biodegradation of Organic Contaminants under Multiphase Conditions with TMVOCBio. Vadose Zone Journal, 2004, 3, 875-883.	2.2	1
20	The planicie costera oriental coastal aquifer (Dominican republic) a general framework analysis supported by conceptual groundwater modelling. Developments in Water Science, 2002, 47, 547-554.	0.1	0
21	Comments on the paper: Geothermal resources in the Asal Region, Republic of Djibouti: An update with emphasis on reservoir engineering studies. Geothermics, 2012, 44, 78-79.	3.4	0