

Jean-Francois Girard

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

382
citations

759233

12
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

507
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolution of MRS Applied to the Characterization of Hard-Rock Aquifers. <i>Ground Water</i> , 2006, 44, 547-554.	1.3	48
2	Geophysical characterisation of karstic networks – Application to the Ouyse system (Poumeysen). <i>Tj ETQq0 0 Q ggBT /Overlock 10 T</i>	1.2	42
3	CO ₂ –water –mineral reactions during CO ₂ leakage: Geochemical and isotopic monitoring of a CO ₂ injection field test. <i>Chemical Geology</i> , 2014, 368, 11-30.	3.3	39
4	The Strengbach Catchment: A Multidisciplinary Environmental Sentry for 30 Years. <i>Vadose Zone Journal</i> , 2018, 17, 1-17.	2.2	32
5	Ground-penetrating radar investigations along the North Anatolian fault near Izmit, Turkey: Constraints on the right-lateral movement and slip history. <i>Geology</i> , 2004, 32, 85.	4.4	26
6	Ground penetrating radar imaging and time-domain modelling of the infiltration of diesel fuel in a sandbox experiment. <i>Comptes Rendus - Geoscience</i> , 2009, 341, 846-858.	1.2	26
7	Inducing a CO ₂ Leak into a Shallow Aquifer (CO ₂ FieldLab Eurogia+ Project): Monitoring the CO ₂ Plume in Groundwaters. <i>Energy Procedia</i> , 2013, 37, 3583-3593.	1.8	26
8	Advanced seismic processing/imaging techniques and their potential for geothermal exploration. <i>Interpretation</i> , 2016, 4, SR1-SR18.	1.1	22
9	Near-surface CO ₂ leak detection monitoring from downhole electrical resistivity at the CO ₂ Field Laboratory, Svelvik Ridge (Norway). <i>International Journal of Greenhouse Gas Control</i> , 2014, 28, 275-282.	4.6	18
10	Magnetic resonance sounding measurements as posterior information to condition hydrological model parameters: Application to a hard-rock headwater catchment. <i>Journal of Hydrology</i> , 2020, 587, 124941.	5.4	16
11	Time-lapse magnetic resonance sounding measurements for numerical modeling of water flow in variably saturated media. <i>Journal of Applied Geophysics</i> , 2020, 175, 103984.	2.1	16
12	Radar reflections and water content estimation of aeolian sand dune. <i>Geophysical Research Letters</i> , 2001, 28, 3207-3210.	4.0	14
13	CO ₂ Migration Monitoring Methodology in the Shallow Subsurface: Lessons Learned from the CO ₂ FIELDLAB Project. <i>Energy Procedia</i> , 2014, 51, 65-74.	1.8	13
14	Characterizing the vadose zone and a perched aquifer near the Vosges ridge at the La Soutte experimental site, Obernai, France. <i>Comptes Rendus - Geoscience</i> , 2009, 341, 818-830.	1.2	12
15	CO ₂ Field Lab at Svelvik Ridge: Site Suitability. <i>Energy Procedia</i> , 2012, 23, 306-312.	1.8	11
16	On-site characterization of the spatio-temporal structure of the noise for MRS measurements using a pair of eight-shape loops. <i>Journal of Applied Geophysics</i> , 2020, 178, 104075.	2.1	8
17	How Do Secondary Minerals in Granite Help Distinguish Paleo- from Present-Day Permeable Fracture Zones? Joint Interpretation of SWIR Spectroscopy and Geophysical Logs in the Geothermal Wells of Northern Alsace. <i>Geofluids</i> , 2019, 2019, 1-20.	0.7	7
18	Magnetic resonance sounding dataset of a hard-rock headwater catchment for assessing the vertical distribution of water contents in the subsurface. <i>Data in Brief</i> , 2020, 31, 105708.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Experimental study of domestic waste material using magnetic resonance measurements. Near Surface Geophysics, 2011, 9, 179-185.	1.2	1
20	Nuclear magnetic resonance for near-surface applications – Introduction. Geophysics, 2016, 81, WBi-WBii.	2.6	1
21	Feasibility study of a surface-borehole NMR method. Journal of Applied Geophysics, 2020, 177, 104039.	2.1	0