

Hartmut Holländer

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

367
citations

1040056

9
h-index

839539

18
g-index

37
all docs

37
docs citations

37
times ranked

551
citing authors

#	ARTICLE	IF	CITATIONS
1	Themenheft "Hydrogeologie der Festgesteine". Grundwasser, 2022, 27, 1-2.	1.4	0
2	Estimating groundwater recharge in the assiniboine delta aquifer using HYDRUS-1D. Agricultural Water Management, 2022, 267, 107514.	5.6	5
3	Sustainability, climate resiliency, and mitigation capacity of geothermal heat pump systems in cold regions. Geothermics, 2021, 91, 101979.	3.4	11
4	An experimental and numerical study of evaporite mineral dissolution and density-driven flow in porous media. Journal of Hydrology, 2021, 596, 125695.	5.4	1
5	Effects of salinity and water content on apparent conductivity in an alluvial setting in the Canadian Prairies. Environmental Earth Sciences, 2021, 80, 1.	2.7	1
6	Hydrogeological investigation of soil salinity adjacent to a flood protection infrastructure. Environmental Earth Sciences, 2021, 80, .	2.7	2
7	Evaluation of NaCl and MgCl ₂ heat exchange fluids in a deep binary geothermal system in a sedimentary halite formation. Geothermal Energy, 2021, 9, .	1.9	2
8	Elastic-Plastic Fracture Propagation Modeling in Rock Fracturing via Punch Through Shear Test. Rock Mechanics and Rock Engineering, 2021, 54, 3135-3147.	5.4	4
9	Feasibility of thermal load control from electrochromic windows for ground coupled heat pump optimization. Journal of Building Engineering, 2021, 40, 102339.	3.4	2
10	The Long-Term Mitigating Effect of Horizontal Ground-Source Heat Exchangers on Permafrost Thaw Settlement. Processes, 2021, 9, 1636.	2.8	1
11	Energy performance of below-grade envelope of an institutional building in cold regions. Journal of Building Engineering, 2020, 27, 100911.	3.4	5
12	Evaluation of an integrated sewage pipe with ground heat exchanger for long-term efficiency estimation. Geothermics, 2020, 86, 101796.	3.4	12
13	Feasibility of low-temperature geothermal systems: Considerations of thermal anomalies, geochemistry, and local assets. Applied Energy, 2020, 275, 115412.	10.1	4
14	Comparison of solute/heat transport in fractured formations using discrete fracture and equivalent porous media modeling at the reservoir scale. Physics and Chemistry of the Earth, 2019, 113, 14-21.	2.9	12
15	Regionalisation of nitrate leaching on pasture land in Southern Manitoba. Agricultural Water Management, 2019, 222, 286-300.	5.6	10
16	Application of geochemical and groundwater data to predict sinkhole formation in a gypsum formation in Manitoba, Canada. Environmental Earth Sciences, 2019, 78, 1.	2.7	4
17	Sensitivity analysis and optimum design of a hydronic snow melting system during snowfall. Physics and Chemistry of the Earth, 2019, 113, 31-42.	2.9	17
18	Porosity Measurement of Low Permeable Materials Using Gas Expansion Induced Water Intrusion Porosimetry (GEIWIP). Scientific Reports, 2019, 9, 17554.	3.3	3

#	ARTICLE	IF	CITATIONS
19	Numerical simulation of flow heterogeneities within a real rough fracture and its transmissivity. Energy Procedia, 2017, 125, 353-362.	1.8	4
20	Fractionation of hydrogen and oxygen in artificial sea ice with corrections for salinity for determining meteorological water content in bulk ice samples. Cold Regions Science and Technology, 2017, 142, 93-99.	3.5	5
21	Groundwater Recharge Estimation using Physical-Based Modeling. , 2017, , 3-30.		0
22	Improved Recharge Estimation from Portable, Low-Cost Weather Stations. Ground Water, 2016, 54, 243-254.	1.3	12
23	Impact of modellers' decisions on hydrological a priori predictions. Hydrology and Earth System Sciences, 2014, 18, 2065-2085.	4.9	25
24	In-situ immobilization of arsenic in the subsurface on an anthropogenic contaminated site. Arsenic in the Environment, 2014, , 145-159.	0.0	0
25	Isotopic and geochemical indicators for groundwater flow and multi-component mixing near disturbed salt anticlines. Chemical Geology, 2012, 294-295, 226-242.	3.3	7
26	Patterns and processes of initial terrestrial ecosystem development. Journal of Plant Nutrition and Soil Science, 2011, 174, 229-239.	1.9	61
27	Integrated water resource management in a major canal command in eastern India. Hydrological Processes, 2011, 25, 2551-2562.	2.6	13
28	Comparative predictions of discharge from an artificial catchment (Chicken Creek) using sparse data. Hydrology and Earth System Sciences, 2009, 13, 2069-2094.	4.9	97
29	A concept for managed aquifer recharge using ASR-wells for sustainable use of groundwater resources in an alluvial coastal aquifer in Eastern India. Physics and Chemistry of the Earth, 2009, 34, 270-278.	2.9	32
30	Sustainability of rice-dominated cropping system in the Hirakud canal command, Orissa, India. Irrigation and Drainage, 2008, 57, 93-104.	1.7	5