

Bo Olofsson

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

556
citations

687363

13
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	A Spatial Multi-Criteria Analysis Approach for Locating Suitable Sites for Construction of Subsurface Dams in Northern Pakistan. <i>Water Resources Management</i> , 2014, 28, 5157-5174.	3.9	65
2	A method for mapping flood hazard along roads. <i>Journal of Environmental Management</i> , 2014, 133, 69-77.	7.8	61
3	Chloride Deposition and Distribution in Soils Along a Deiced Highway – Assessment Using Different Methods of Measurement. <i>Water, Air, and Soil Pollution</i> , 2007, 182, 173-185.	2.4	60
4	A prediction method for radon in groundwater using GIS and multivariate statistics. <i>Science of the Total Environment</i> , 2006, 367, 666-680.	8.0	56
5	Climate-induced warming imposes a threat to north European spring ecosystems. <i>Global Change Biology</i> , 2015, 21, 4561-4569.	9.5	52
6	Locating suitable sites for the construction of subsurface dams using GIS. <i>Environmental Earth Sciences</i> , 2013, 70, 2511-2525.	2.7	38
7	Natural Hazard Susceptibility Assessment for Road Planning Using Spatial Multi-Criteria Analysis. <i>Environmental Management</i> , 2017, 60, 823-851.	2.7	35
8	Quantifying fractured rock hydraulic heterogeneity and groundwater inflow prediction in underground excavations: the heterogeneity index. <i>Tunnelling and Underground Space Technology</i> , 2003, 18, 19-34.	6.2	29
9	Tracing leachates at waste sites using geophysical and geochemical modelling. <i>Environmental Geology</i> , 2006, 49, 720-732.	1.2	29
10	On the utilization of hydrological modelling for road drainage design under climate and land use change. <i>Science of the Total Environment</i> , 2014, 475, 97-103.	8.0	28
11	Impact of Groundwater Flow and Energy Load on Multiple Borehole Heat Exchangers. <i>Ground Water</i> , 2015, 53, 558-571.	1.3	16
12	Life cycle assessment in road infrastructure planning using spatial geological data. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1302-1317.	4.7	15
13	Initial Effects of a New Highway Section on Soil and Groundwater. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 5413-5432.	2.4	14
14	Monitoring the impact of de-icing salt on roadside soils with time-lapse resistivity measurements. <i>Environmental Geology</i> , 2009, 57, 217-229.	1.2	13
15	Insight into the influence of local streambed heterogeneity on hyporheic-zone flow characteristics. <i>Hydrogeology Journal</i> , 2020, 28, 2697-2712.	2.1	13
16	Effect of groundwater flow in vertical and horizontal fractures on borehole heat exchanger temperatures. <i>Bulletin of Engineering Geology and the Environment</i> , 2015, 74, 479-491.	3.5	7
17	Simulating the impact of roads on hydrological responses: examples from Swedish terrain. <i>Hydrology Research</i> , 2016, 47, 767-781.	2.7	7
18	Hydraulic heterogeneity and its impact on kinematic porosity in Swedish coastal terrains. <i>Engineering Geology</i> , 2018, 245, 61-71.	6.3	6

#	ARTICLE	IF	CITATIONS
19	Groundwater Resources Potential in Hard Rock Terrain: A Multivariate Approach. <i>Ground Water</i> , 2015, 53, 748-758.	1.3	4
20	Detecting Seasonal Flow Pathways in Road Structures Using Tracer Tests and ERT. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 358.	2.4	4
21	Spread of Water-Borne Pollutants at Traffic Accidents on Roads. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 323.	2.4	3
22	Integrating storage and spatial variability into shallow groundwater balances: moving towards water security in hard rock coastal areas. <i>Hydrology Research</i> , 2020, 51, 1293-1311.	2.7	1