

Omid Mohseni

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,204
citations

623734

14
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1271
citing authors

#	ARTICLE	IF	CITATIONS
1	A nonlinear regression model for weekly stream temperatures. <i>Water Resources Research</i> , 1998, 34, 2685-2692.	4.2	386
2	Sensitivity of stream temperatures in the United States to air temperatures projected under a global warming scenario. <i>Water Resources Research</i> , 1999, 35, 3723-3733.	4.2	148
3	Stream temperature-equilibrium temperature relationship. <i>Water Resources Research</i> , 2003, 39, .	4.2	120
4	Ground surface temperature simulation for different land covers. <i>Journal of Hydrology</i> , 2008, 356, 327-343.	5.4	116
5	Thermal pollution of streams by runoff from paved surfaces. <i>Hydrological Processes</i> , 2008, 22, 987-999.	2.6	92
6	Chloride ion transport and mass balance in a metropolitan area using road salt. <i>Water Resources Research</i> , 2009, 45, .	4.2	87
7	Simulation of Temperature Mitigation by a Stormwater Detention Pond ¹ . <i>Journal of the American Water Resources Association</i> , 2009, 45, 1164-1178.	2.4	43
8	Assessment of Hydrodynamic Separators for Storm-Water Treatment. <i>Journal of Hydraulic Engineering</i> , 2009, 135, 383-392.	1.5	42
9	Upper Bounds for Stream Temperatures in the Contiguous United States. <i>Journal of Environmental Engineering, ASCE</i> , 2002, 128, 4-11.	1.4	38
10	Simulation of heat export by rainfall runoff from a paved surface. <i>Journal of Hydrology</i> , 2009, 365, 195-212.	5.4	29
11	Imprints of secondary heat sources on the stream temperature/equilibrium temperature relationship. <i>Water Resources Research</i> , 2004, 40, .	4.2	25
12	Runoff Temperature Model for Paved Surfaces. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009, 14, 1146-1155.	1.9	18
13	SAFL Baffle retrofit for suspended sediment removal in storm sewer sumps. <i>Water Research</i> , 2011, 45, 5895-5904.	11.3	16
14	Estimating extreme stream temperatures by the standard deviate method. <i>Journal of Hydrology</i> , 2006, 317, 173-189.	5.4	15
15	Case Study of Simulation of Heat Export by Rainfall Runoff from a Small Urban Watershed Using MINUHET. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 995-1006.	1.9	12
16	Dissolved Oxygen Depletion in a Small Deep Lake with a Large Littoral Zone. <i>Lake and Reservoir Management</i> , 2001, 17, 288-298.	1.3	9
17	Heat release from rooftops during rainstorms in the Minneapolis/St. Paul Metropolitan Area, USA. <i>Hydrological Processes</i> , 2011, 25, 2018-2031.	2.6	7
18	Chloride ion transport and mass balance in a metropolitan area using road salt. , 2009, .		1