Tirupati Bolisetti

List of Publications by Year
in descending order

30 papers	909 citations	759055 12 h-index	580701 25 g-index
30 all docs	30 docs citations	30 times ranked	1053 citing authors

#	ARTICLE	IF	CITATIONS
1	Earth data assimilation in hydrologic models: recent advances. International Journal of Environmental Studies, 2021, 78, 1003-1021.	0.7	1
2	Climate model bias correction for nonstationary conditions. Canadian Journal of Civil Engineering, 2020, 47, 326-336.	0.7	0
3	Numerical study of a symmetric submerged spatial hydraulic jump. Journal of Hydraulic Research/De Recherches Hydrauliques, 2020, 58, 335-349.	0.7	10
4	Investigating the Role of Hydrological Model Parameter Uncertainties in Future Streamflow Projections. Journal of Hydrologic Engineering - ASCE, 2020, 25, 05020035.	0.8	2
5	Diagnostic Evaluation of Hydrologic Models Employing Flow Duration Curve. Journal of Hydrologic Engineering - ASCE, 2019, 24, 05019009.	0.8	5
6	Examination of Blockage Effects on the Progression of Local Scour around a Circular Cylinder. Water (Switzerland), 2019, 11, 2631.	1.2	10
7	Blockage correction for pier scour experiments. Canadian Journal of Civil Engineering, 2018, 45, 413-417.	0.7	9
8	Multiobjective optimization of low impact development stormwater controls. Journal of Hydrology, 2018, 562, 564-576.	2.3	132
9	Experimental and analytical investigation on pipe sizes for a coaxial borehole heat exchanger. Renewable Energy, 2018, 115, 946-953.	4.3	25
10	Multi-objective autocalibration of SWAT model for improved low flow performance for a small snowfed catchment. Hydrological Sciences Journal, 2018, 63, 1482-1501.	1.2	21
11	Rehabilitation of Corroded Steel Beams Using BFRP Fabric. Structures, 2018, 15, 152-161.	1.7	11
12	Short-term fluid temperature variations in either a coaxial or U-tube borehole heat exchanger. Geothermics, 2017, 67, 29-39.	1.5	35
13	Climate change impact assessment on hydropower generation using multi-model climate ensemble. Renewable Energy, 2017, 109, 510-517.	4.3	70
14	Performance and implementation of low impact development â€" A review. Science of the Total Environment, 2017, 607-608, 413-432.	3.9	412
15	Evaluation of governing parameters on pier scour geometry. Canadian Journal of Civil Engineering, 2017, 44, 48-58.	0.7	10
16	A physical and semi-analytical comparison between coaxial BHE designs considering various piping materials. Energy, 2017, 141, 1610-1621.	4.5	22
17	Uncertainty analysis of a spatially-distributed hydrological model with rainfall multipliers. Canadian Journal of Civil Engineering, 2016, 43, 1062-1074.	0.7	7
18	Heat transfer in a U-Bend pipe: Dean number versus Reynolds number. Sustainable Energy Technologies and Assessments, 2015, 11, 148-158.	1.7	18

#	Article	IF	Citations
19	Second-Order Autoregressive Model-Based Likelihood Function for Calibration and Uncertainty Analysis of SWAT Model. Journal of Hydrologic Engineering - ASCE, 2015, 20, 04014045.	0.8	5
20	Ground source heat pumps: should we use single U-bend or coaxial ground exchanger loops?. International Journal of Environmental Studies, 2014, , 1-12.	0.7	0
21	Application of variance decomposition approach in the uncertainty analysis of a hydrological model. Canadian Journal of Civil Engineering, 2013, 40, 373-381.	0.7	1
22	On Fluid Flow and Heat Transfer in a Pipe With a U-Bend. , 2013, , .		0
23	Automated Linear and Nonlinear Reservoir Approaches for Estimating Annual Base Flow. Journal of Hydrologic Engineering - ASCE, 2012, 17, 554-564.	0.8	13
24	Hydrologic modelling to assess the climate change impacts in a Southern Ontario watershed. Canadian Journal of Civil Engineering, 2012, 39, 91-103.	0.7	32
25	Ground source heat pump systems: current status. International Journal of Environmental Studies, 2010, 67, 405-415.	0.7	20
26	Experimental Investigations of Colloidal Silica Grouting in Porous Media. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2009, 135, 697-700.	1.5	28
27	Discussion of â€œMicroscopic Modeling of Colloidal Silica Stabilized Granular Contaminated Soilsâ€•by Jay N. Meegoda and Netnapid Tantemsapya. Journal of Materials in Civil Engineering, 2008, 20, 456-456.	1.3	0
28	Analytical solution for flow of gelling solutions in porous media. Geophysical Research Letters, 2007, 34, .	1.5	3
29	Effect of heterogeneity scale on chemical grouting in porous media. Developments in Water Science, 2002, 47, 891-898.	0.1	0
30	A method for the formulation of Reynolds number functions. Canadian Journal of Civil Engineering, 2000, 27, 829-833.	0.7	7