

Vamsi Krishna Vema

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

223
citations

1464605
7
h-index

1427216
11
g-index

11
all docs

11
docs citations

11
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of water conservation structures on the agricultural productivity in the context of climate change. <i>Water Resources Management</i> , 2022, 36, 1627-1644.	1.9	6
2	Formulation of Wavelet Based Multi-Scale Multi-Objective Performance Evaluation (WMMPE) Metric for Improved Calibration of Hydrological Models. <i>Water Resources Research</i> , 2022, 58, .	1.7	10
3	A decision support system for the identification of critical zones in a watershed to implement land management practices. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 1649.	1.9	7
4	Uncertainty of hydrologic simulation, and its impact on the design and the effectiveness of water conservation structures. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 973-991.	1.9	5
5	Improving the crop productivity in rainfed areas with water harvesting structures and deficit irrigation strategies. <i>Journal of Hydrology</i> , 2020, 586, 124818.	2.3	31
6	Towards quick parameter estimation of hydrological models with large number of computational units. <i>Journal of Hydrology</i> , 2020, 587, 124983.	2.3	9
7	Effective flood forecasting at higher lead times through hybrid modelling framework. <i>Journal of Hydrology</i> , 2020, 587, 124945.	2.3	23
8	Fuzzy inference system for site suitability evaluation of water harvesting structures in rainfed regions. <i>Agricultural Water Management</i> , 2019, 218, 82-93.	2.4	32
9	Role of Dams on the Floods of August 2018 in Periyar River Basin, Kerala. <i>Current Science</i> , 2019, 116, 780.	0.4	80
10	Hydrologic design of water harvesting structures through simulation-optimization framework. <i>Journal of Hydrology</i> , 2018, 563, 460-469.	2.3	9
11	Development of a hydrological model for simulation of runoff from catchments unbounded by ridge lines. <i>Journal of Hydrology</i> , 2017, 551, 423-439.	2.3	11