

Bijan Ghahraman

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

422
citations

840585

11
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

551
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear and non-linear optimization models for allocation of a limited water supply. <i>Irrigation and Drainage</i> , 2004, 53, 39-54.	0.8	69
2	Optimal allocation of water from a single purpose reservoir to an irrigation project with pre-determined multiple cropping patterns. <i>Irrigation Science</i> , 2002, 21, 127-137.	1.3	52
3	Optimal Irrigation Water Allocation Using a Genetic Algorithm under Various Weather Conditions. <i>Water (Switzerland)</i> , 2014, 6, 3068-3084.	1.2	48
4	Integrated meteorological and hydrological drought model: A management tool for proactive water resources planning of semi-arid regions. <i>Advances in Water Resources</i> , 2017, 107, 336-353.	1.7	48
5	Effect of formal and informal likelihood functions on uncertainty assessment in a single event rainfall-runoff model. <i>Journal of Hydrology</i> , 2016, 540, 549-564.	2.3	28
6	Role of bulk and Nanosized SiO ₂ to overcome salt stress during Fenugreek germination (<i>Trigonella foenum-graceum</i> L.). <i>Plant Signaling and Behavior</i> , 2018, 13, e1044190.	1.2	28
7	Uncertainty assessment of the agro-hydrological SWAP model application at field scale: A case study in a dry region. <i>Agricultural Water Management</i> , 2014, 146, 324-334.	2.4	26
8	Assessment of rain-gauge networks using a probabilistic GIS based approach. <i>Hydrology Research</i> , 2014, 45, 551-562.	1.1	24
9	Deriving data mining and regression based water-salinity production functions for spring wheat (<i>Triticum aestivum</i>). <i>Computers and Electronics in Agriculture</i> , 2014, 101, 68-75.	3.7	17
10	General Equation for Advance and Recession of Water in Border Irrigation. <i>Irrigation and Drainage</i> , 2019, 68, 476-487.	0.8	15
11	Assessment of short- and long-term memory in trends of major climatic variables over Iran: 1966–2015. <i>Theoretical and Applied Climatology</i> , 2019, 135, 677-691.	1.3	14
12	A critical evaluation of the Miller and Miller similar media theory for application to natural soils. <i>Water Resources Research</i> , 2016, 52, 3829-3846.	1.7	13
13	Scaling to generalize a single solution of Richards' equation for soil water redistribution. <i>Scientia Agricola</i> , 2011, 68, 582-591.	0.6	12
14	Reliability of Semiarid Flash Flood Modeling Using Bayesian Framework. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, .	0.8	11
15	Comprehensive evaluation of a spatio-temporal gap filling algorithm: Using remotely sensed precipitation, LST and ET data. <i>Journal of Environmental Management</i> , 2020, 261, 110228.	3.8	9
16	A Universal Model of Unsaturated Hydraulic Conductivity With Complementary Adsorptive and Diffusive Process Components. <i>Water Resources Research</i> , 2020, 56, e2019WR025884.	1.7	4
17	A perceptual socio-hydrological model of co-evolutionary coupled human–water system based on historical analysis, Mashhad basin, Iran. <i>Hydrological Sciences Journal</i> , 2021, 66, 355-372.	1.2	4