

# Bijan Ghahraman

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

422  
citations

840776  
11  
h-index

888059  
17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

551  
citing authors

#	ARTICLE	IF	CITATIONS
1	A perceptual socio-hydrological model of co-evolutionary coupled human–water system based on historical analysis, Mashhad basin, Iran. Hydrological Sciences Journal, 2021, 66, 355-372.	2.6	4
2	Comprehensive evaluation of a spatio-temporal gap filling algorithm: Using remotely sensed precipitation, LST and ET data. Journal of Environmental Management, 2020, 261, 110228.	7.8	9
3	A Universal Model of Unsaturated Hydraulic Conductivity With Complementary Adsorptive and Diffusive Process Components. Water Resources Research, 2020, 56, e2019WR025884.	4.2	4
4	General Equation for Advance and Recession of Water in Border Irrigation. Irrigation and Drainage, 2019, 68, 476-487.	1.7	15
5	Assessment of short- and long-term memory in trends of major climatic variables over Iran: 1966–2015. Theoretical and Applied Climatology, 2019, 135, 677-691.	2.8	14
6	Role of bulk and Nanosized SiO <sub>2</sub> to overcome salt stress during Fenugreek germination ( <i>Trigonella foenum-graceum</i> L.). Plant Signaling and Behavior, 2018, 13, e1044190.	2.4	28
7	Integrated meteorological and hydrological drought model: A management tool for proactive water resources planning of semi-arid regions. Advances in Water Resources, 2017, 107, 336-353.	3.8	48
8	Reliability of Semiarid Flash Flood Modeling Using Bayesian Framework. Journal of Hydrologic Engineering - ASCE, 2017, 22, .	1.9	11
9	Effect of formal and informal likelihood functions on uncertainty assessment in a single event rainfall-runoff model. Journal of Hydrology, 2016, 540, 549-564.	5.4	28
10	A critical evaluation of the Miller and Miller similar media theory for application to natural soils. Water Resources Research, 2016, 52, 3829-3846.	4.2	13
11	Optimal Irrigation Water Allocation Using a Genetic Algorithm under Various Weather Conditions. Water (Switzerland), 2014, 6, 3068-3084.	2.7	48
12	Assessment of rain-gauge networks using a probabilistic GIS based approach. Hydrology Research, 2014, 45, 551-562.	2.7	24
13	Deriving data mining and regression based water-salinity production functions for spring wheat ( <i>Triticum aestivum</i> ). Computers and Electronics in Agriculture, 2014, 101, 68-75.	7.7	17
14	Uncertainty assessment of the agro-hydrological SWAP model application at field scale: A case study in a dry region. Agricultural Water Management, 2014, 146, 324-334.	5.6	26
15	Scaling to generalize a single solution of Richards' equation for soil water redistribution. Scientia Agricola, 2011, 68, 582-591.	1.2	12
16	Linear and non-linear optimization models for allocation of a limited water supply. Irrigation and Drainage, 2004, 53, 39-54.	1.7	69
17	Optimal allocation of water from a single purpose reservoir to an irrigation project with pre-determined multiple cropping patterns. Irrigation Science, 2002, 21, 127-137.	2.8	52