Saket Pande

List of Publications by Year
in descending order

46 papers	1,574 citations	516710 16 h-index	315739 38 g-index
48 all docs	48 docs citations	48 times ranked	2169 citing authors

#	Article	IF	Citations
1	An operational sociohydrological model to understand the feedbacks between community sensitivity and environmental flows for an endorheic lake basin, lake Bakhtegan, Iran. Journal of Hydrology, 2022, 605, 127375.	5.4	2
2	Combining Water Resources, Socioenvironmental, and Psychological Factors in Assessing Willingness to Conserve Groundwater in the Vietnamese Mekong Delta. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	2.6	3
3	Endogeneity in water use behaviour across case studies of household water treatment adoption in developing countries. World Development Perspectives, 2022, 25, 100385.	2.0	10
4	Behavioral and socio-economic factors controlling irrigation adoption in Maharashtra, India. Hydrological Sciences Journal, 2022, 67, 847-857.	2.6	5
5	Socio-Economic and Psychological Determinants for Household Water Treatment Practices in Indigenousâ€"Rural Indonesia. Frontiers in Water, 2021, 3, .	2.3	12
6	Securing food under adverse climate and socioeconomic scenarios in Jiangsu Province, China: Critical role of human adaptation under change. Journal of Hydrology, 2021, 598, 126344.	5.4	3
7	Water Use Efficiency: A Review of Contextual and Behavioral Factors. Frontiers in Water, 2021, 3, .	2.3	6
8	Financial, institutional, environmental, technical, and social (FIETS) aspects of water, sanitation, and hygiene conditions in indigenous - rural Indonesia. BMC Public Health, 2021, 21, 1723.	2.9	6
9	Smallholder Farmer's Adaptability to Anthropogenic and Climate-Induced Variability in the Dhidhessa River Sub-basin, Ethiopia. Frontiers in Water, 2021, 3, .	2.3	3
10	Interlinkages between human agency, water use efficiency and sustainable food production. Journal of Hydrology, 2020, 582, 124524.	5.4	10
11	Anthropogenic Modifications and River Ecosystem Services: A Landscape Perspective. Water (Switzerland), 2020, 12, 2706.	2.7	43
12	The dynamics of farmer migration and resettlement in the Dhidhessa River Basin, Ethiopia. Hydrological Sciences Journal, 2020, 65, 1985-1993.	2.6	6
13	The effect of socio-economic characteristics on the use of household water treatment via psychosocial factors: a mediation analysis. Hydrological Sciences Journal, 2020, 65, 2350-2358.	2.6	14
14	Prospects of interventions to alleviate ruralâ€"urban migration in Jiangsu Province, China based on sensitivity and scenario analysis. Hydrological Sciences Journal, 2020, 65, 2175-2184.	2.6	3
15	A Bayesian Belief Network model to link sanitary inspection data to drinking water quality in a medium resource setting in rural Indonesia. Scientific Reports, 2020, 10, 18867.	3.3	9
16	On the linkage between hydrology and societyâ€"learning from history about two-way interactions for sustainable development. Water History, 2020, 12, 387-402.	1.3	0
17	Laboratory Calibration and Performance Evaluation of Low-Cost Capacitive and Very Low-Cost Resistive Soil Moisture Sensors. Sensors, 2020, 20, 363.	3.8	46
18	A hierarchical Bayesian Belief Network model of household water treatment behaviour in a suburban area: A case study of Paluâ€"Indonesia. PLoS ONE, 2020, 15, e0241904.	2.5	13

#	Article	IF	Citations
19	Sociohydrology: Scientific Challenges in Addressing the Sustainable Development Goals. Water Resources Research, 2019, 55, 6327-6355.	4.2	226
20	Twenty-three unsolved problems in hydrology (UPH) â€" a community perspective. Hydrological Sciences Journal, 2019, 64, 1141-1158.	2.6	474
21	Understanding the effect of socio-economic characteristics and psychosocial factors on household water treatment practices in rural Nepal using Bayesian Belief Networks. International Journal of Hygiene and Environmental Health, 2019, 222, 847-855.	4.3	32
22	Rural unemployment pushes migrants to urban areas in Jiangsu Province, China. Palgrave Communications, 2019, 5, .	4.7	43
23	Global phosphorus recovery from wastewater for agricultural reuse. Hydrology and Earth System Sciences, 2018, 22, 5781-5799.	4.9	47
24	Hydrological Interpretation of a Statistical Measure of Basin Complexity. Water Resources Research, 2018, 54, 7403-7416.	4.2	8
25	Norms and values in sociohydrological models. Hydrology and Earth System Sciences, 2018, 22, 1337-1349.	4.9	44
26	Socio-environmental drivers of sustainable adoption of household water treatment in developing countries. Npj Clean Water, 2018, 1, .	8.0	20
27	Hydro-social metabolism: scaling of birth rate with regional water use. Palgrave Communications, 2018, 4, .	4.7	3
28	Progress in socioâ€hydrology: a metaâ€analysis of challenges and opportunities. Wiley Interdisciplinary Reviews: Water, 2017, 4, e1193.	6.5	116
29	A sociohydrological model for smallholder farmers in <scp>M</scp>aharashtra, <scp>I</scp>ndia. Water Resources Research, 2016, 52, 1923-1947.	4.2	61
30	The role of soil moisture accounting in estimation of soil evaporation and transpiration. Journal of Hydroinformatics, 2016, 18, 329-344.	2.4	8
31	Weighted Bankruptcy Rules and Transboundary Water Resources Allocation. Water Resources Management, 2015, 29, 2303-2321.	3.9	49
32	Assessment of rain-gauge networks using a probabilistic GIS based approach. Hydrology Research, 2014, 45, 551-562.	2.7	24
33	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
34	Quantile hydrologic model selection and model structure deficiency assessment: 2. Applications. Water Resources Research, 2013, 49, 5658-5673.	4.2	10
35	Diagnosis of GLDAS LSM based aridity index and dryland identification. Journal of Environmental Management, 2013, 119, 162-172.	7.8	22
36	Quantile hydrologic model selection and model structure deficiency assessment: 1. Theory. Water Resources Research, 2013, 49, 5631-5657.	4.2	15

#	ARTICLE	IF	CITATIONS
37	On hydrological model complexity, its geometrical interpretations and prediction uncertainty. Water Resources Research, 2013, 49, 7048-7063.	4.2	23
38	Parameter-dependent convergence bounds and complexity measure for a class of conceptual hydrological models. Journal of Hydroinformatics, 2012, 14, 443-463.	2.4	11
39	A Parsimonious Hydrological Model for a Data Scarce Dryland Region. Water Resources Management, 2012, 26, 909-926.	3.9	16
40	Water valuation at basin scale with application to western India. Ecological Economics, 2011, 70, 2416-2428.	5.7	20
41	Complexityâ€based robust hydrologic prediction. Water Resources Research, 2009, 45, .	4.2	14
42	Addressing diarrhea prevalence in the West African Middle Belt: social and geographic dimensions in a case study for Benin. International Journal of Health Geographics, 2008, 7, 17.	2.5	32
43	Valuing certainty in a consensus-based water allocation mechanism. Water Resources Research, 2007, 43, .	4.2	11
44	THE COSTATE VARIABLE IN A STOCHASTIC RENEWABLE RESOURCE MODEL. Natural Resource Modelling, 2006, 19, 45-66.	2.0	7
45	Fixed endpoint optimal control. Economic Theory, 2005, 26, 1007-1012.	0.9	4
46	A socio-hydrological comparative assessment explaining regional variances in suicide rate amongst farmers in Maharashtra, India. Proceedings of the International Association of Hydrological Sciences, 0, 373, 115-118.	1.0	8