

# Mahesha Amai

## List of Publications by Year in descending order

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33  
papers

461  
citations

623188

14  
h-index

752256

20  
g-index

34  
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34  
docs citations

34  
times ranked

365  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Seawater Intrusion through Injection-Extraction Well System. Journal of Irrigation and Drainage Engineering - ASCE, 1996, 122, 314-317.	0.6	39
2	Effect of natural recharge on sea water intrusion in coastal aquifers. Journal of Hydrology, 1996, 174, 211-220.	2.3	34
3	Parameter Estimation and Vulnerability Assessment of Coastal Unconfined Aquifer to Saltwater Intrusion. Journal of Hydrologic Engineering - ASCE, 2012, 17, 933-943.	0.8	33
4	Impacts of Climate Change on Varied River-Flow Regimes of Southern India. Journal of Hydrologic Engineering - ASCE, 2017, 22, .	0.8	26
5	Assessing climate change impacts on river hydrology – A case study in the Western Ghats of India. Journal of Earth System Science, 2018, 127, 1.	0.6	24
6	Transient Effect of Battery of Injection Wells on Seawater Intrusion. Journal of Hydraulic Engineering, 1996, 122, 266-271.	0.7	23
7	Regional climate trends and topographic influence over the Western Ghat catchments of India. International Journal of Climatology, 2018, 38, 2265-2279.	1.5	20
8	Evaluation of Satellite Precipitation Products in Simulating Streamflow in a Humid Tropical Catchment of India Using a Semi-Distributed Hydrological Model. Water (Switzerland), 2020, 12, 2400.	1.2	20
9	Steady-State Effect of Freshwater Injection on Seawater Intrusion. Journal of Irrigation and Drainage Engineering - ASCE, 1996, 122, 149-154.	0.6	19
10	Tropical, Seasonal River Basin Development: Hydrogeological Analysis. Journal of Hydrologic Engineering - ASCE, 2011, 16, 280-291.	0.8	18
11	Simulation of Saltwater Intrusion in a Coastal Aquifer in Karnataka, India. Aquatic Procedia, 2015, 4, 700-705.	0.9	17
12	Parametric Studies on Saltwater Intrusion into Coastal Aquifers for Anticipate Sea Level Rise. Aquatic Procedia, 2015, 4, 103-108.	0.9	15
13	Conceptual Model for the Safe Withdrawal of Freshwater from Coastal Aquifers. Journal of Environmental Engineering, ASCE, 2009, 135, 980-988.	0.7	14
14	Predictive Simulation of Seawater Intrusion in a Tropical Coastal Aquifer. Journal of Environmental Engineering, ASCE, 2016, 142, .	0.7	14
15	Saltwater Intrusion in Coastal Aquifers Subjected to Freshwater Pumping. Journal of Hydrologic Engineering - ASCE, 2014, 19, 448-456.	0.8	13
16	Groundwater sustainability assessment in coastal aquifers. Journal of Earth System Science, 2016, 125, 1103-1118.	0.6	12
17	Bivariate Drought Characterization of Two Contrasting Climatic Regions in India Using Copula. Journal of Irrigation and Drainage Engineering - ASCE, 2021, 147, .	0.6	12
18	Bias Correction Methods for Hydrologic Impact Studies over India’s Western Ghat Basins. Journal of Hydrologic Engineering - ASCE, 2018, 23, .	0.8	11

#	ARTICLE	IF	CITATIONS
19	Estimating anisotropic heterogeneous hydraulic conductivity and dispersivity in a layered coastal aquifer of Dakshina Kannada District, Karnataka. Journal of Hydrology, 2018, 565, 302-317.	2.3	11
20	Long-Term Climate Variability and Drought Characteristics in Tropical Region of India. Journal of Hydrologic Engineering - ASCE, 2021, 26, .	0.8	11
21	Simulation of Varada Aquifer System for Sustainable Groundwater Development. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 387-399.	0.6	10
22	Bivariate Modeling of Hydroclimatic Variables in Humid Tropical Coastal Region Using Archimedean Copulas. Journal of Hydrologic Engineering - ASCE, 2020, 25, .	0.8	10
23	Spatiotemporal Analysis of Compound Agrometeorological Drought and Hot Events in India Using a Standardized Index. Journal of Hydrologic Engineering - ASCE, 2021, 26, .	0.8	9
24	Effects of land use and climate change on water scarcity in rivers of the Western Ghats of India. Environmental Monitoring and Assessment, 2021, 193, 820.	1.3	9
25	Effect of strip recharge on sea water intrusion into aquifers. Hydrological Sciences Journal, 2001, 46, 199-210.	1.2	7
26	Parametric Studies on the Advancing Interface in Coastal Aquifers Due to Linear Variation of the Freshwater Level. Water Resources Research, 1995, 31, 2437-2442.	1.7	6
27	Simulation of coastal aquifer using mSim toolbox and COMSOL multiphysics. Journal of Earth System Science, 2020, 129, 1.	0.6	6
28	Tropical, Seasonal River Basin Development through a Series of Vented Dams. Journal of Hydrologic Engineering - ASCE, 2011, 16, 292-302.	0.8	5
29	Conjunctive use in India's Varada River Basin. Journal - American Water Works Association, 2009, 101, 74-83.	0.2	4
30	Multivariate analysis of concurrent droughts and their effects on Kharif cropsâ€”A copulaâ€”based approach. International Journal of Climatology, 2022, 42, 2773-2794.	1.5	4
31	Copula-Based Frequency and Coincidence Risk Analysis of Floods in Tropical-Seasonal Rivers. Journal of Hydrologic Engineering - ASCE, 2021, 26, .	0.8	3
32	Effect of Surface Source Variation on Seawater Intrusion in Aquifers. Journal of Irrigation and Drainage Engineering - ASCE, 1995, 121, 109-113.	0.6	2
33	Regional Trends and Spatiotemporal Analysis of Rainfall and Groundwater in the West Coast Basins of India. Journal of Hydrologic Engineering - ASCE, 2022, 27, .	0.8	0