Santosh M Pingale

List of Publications by Year
in descending order

25 papers	747 citations	686830 13 h-index	610482 24 g-index
26 all docs	26 docs citations	26 times ranked	802 citing authors

#	Article	IF	Citations
1	Streamflow regionalisation of an ungauged catchment with machine learning approaches. Hydrological Sciences Journal, 2022, 67, 886-897.	1.2	4
2	Assessment of spatial and temporal distribution of surface water balance in a data-scarce African transboundary river basin. Hydrological Sciences Journal, 2022, 67, 1561-1581.	1.2	6
3	Modeling the rainfall-runoff using MIKE 11 NAM model in Shaya catchment, Ethiopia. Modeling Earth Systems and Environment, 2021, 7, 2545-2551.	1.9	17
4	Impact of land use/land cover change on stream flow in the Shaya catchment of Ethiopia using the MIKE SHE model. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	16
5	An integration of geospatial and machine learning techniques for mapping groundwater potential: a case study of the Shipra river basin, India. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	4
6	Effect of land use/land cover changes on surface water availability in the Omo-Gibe basin, Ethiopia. Hydrological Sciences Journal, 2021, 66, 1936-1962.	1.2	17
7	Trends and Non-Stationarity in Groundwater Level Changes in Rapidly Developing Indian Cities. Water (Switzerland), 2020, 12, 3209.	1.2	16
8	Assessment of Hydro-climatic Trends and Variability over the Black Volta Basin in Ghana. Earth Systems and Environment, 2020, 4, 739-755.	3.0	22
9	Impact of climate change on surface water availability and crop water demand for the sub-watershed of Abbay Basin, Ethiopia. Sustainable Water Resources Management, 2019, 5, 1859-1875.	1.0	11
10	GISâ€Based Surface Irrigation Potential Assessment for Ethiopian River Basin. Irrigation and Drainage, 2019, 68, 607-616.	0.8	12
11	Flood hazard mapping under a climate change scenario in a Ribb catchment of Blue Nile River basin, Ethiopia. Applied Geomatics, 2019, 11, 147-160.	1.2	17
12	Landscape changes and its consequences on soil erosion in Baro river basin, Ethiopia. Modeling Earth Systems and Environment, 2018, 4, 793-803.	1.9	6
13	Integrated water resources management under climate change scenarios in the sub-basin of Abaya-Chamo, Ethiopia. Modeling Earth Systems and Environment, 2018, 4, 221-240.	1.9	27
14	Impact of climate change on groundwater recharge and base flow in the sub-catchment of Tekeze basin, Ethiopia. Groundwater for Sustainable Development, 2018, 6, 121-133.	2.3	62
15	Analysis of trends in rainfall and dry/wet years over a century in the Eastern Ganga Canal command. Meteorological Applications, 2018, 25, 561-574.	0.9	11
16	Simulating the impact of land use/land cover change and climate variability on watershed hydrology in the Upper Brantas basin, Indonesia. Applied Geomatics, 2017, 9, 191-204.	1.2	32
17	Trend analysis of climatic variables in an arid and semi-arid region of the Ajmer District, Rajasthan, India. Journal of Water and Land Development, 2016, 28, 3-18.	0.9	56
18	Hydrologic and hydrogeologic analyses of an alluvial aquifer underlying Kushabhadra-Bhargavi River basin, Odisha, India. Arabian Journal of Geosciences, 2016, 9, 1.	0.6	1

#	Article	IF	Citations
19	Assessment of the impact of climate change on surface hydrological processes using SWAT: a case study of Omo-Gibe river basin, Ethiopia. Modeling Earth Systems and Environment, 2016, 2, 1-15.	1.9	63
20	Assessing agricultural drought at a regional scale using LULC classification, SPI, and vegetation indices: case study in a rainfed agro-ecosystem in Central Mexico. Geomatics, Natural Hazards and Risk, 2016, 7, 1460-1488.	2.0	19
21	Implications of spatial scale on climate change assessments. Journal of Water and Land Development, 2015, 26, 37-55.	0.9	14
22	High accuracy Land Use Land Cover (LULC) maps for detecting agricultural drought effects in rainfed agro-ecosystems in central Mexico. Journal of Water and Land Development, 2015, 26, 19-35.	0.9	9
23	Spatial and temporal trends of mean and extreme rainfall and temperature for the 33 urban centers of the arid and semi-arid state of Rajasthan, India. Atmospheric Research, 2014, 138, 73-90.	1.8	259
24	Integrated urban water management modelling under climate change scenarios. Resources, Conservation and Recycling, 2014, 83, 176-189.	5.3	45
25	Fuzzy logic rule-based modelling of natural spring flow in a hilly catchment of Tehri-Garhwal district, Uttarakhand, India. International Journal of Hydrology Science and Technology, 2013, 3, 289.	0.2	0