

# Darshan J Mehta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1637696/publications.pdf>

Version: 2024-02-01

11  
papers

154  
citations

1163117

8  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

21  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flood modelling for a data-scare semi-arid region using 1-D hydrodynamic model: a case study of Navsari Region. <i>Modeling Earth Systems and Environment</i> , 2022, 8, 2675-2685.	3.4	16
2	Coupled effect of seawater intrusion on groundwater quality: study of South-West zone of Surat city. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 1716-1734.	2.1	12
3	Temporal analysis of rainfall and drought characteristics over Jalore District of S-W Rajasthan. <i>Water Practice and Technology</i> , 2022, 17, 254-267.	2.0	19
4	Flood frequency analysis and inundation mapping for lower Narmada basin, India. <i>Water Practice and Technology</i> , 2022, 17, 612-622.	2.0	10
5	A review on the application of the DRASTIC method in the assessment of groundwater vulnerability. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 5190-5205.	2.1	21
6	Meteorological drought analysis in Pali District of Rajasthan State using standard precipitation index. <i>International Journal of Hydrology Science and Technology</i> , 2021, 1, 1.	0.3	2
7	Analysis of Long-Term Rainfall Trends in Rajasthan, India. <i>Water Science and Technology Library</i> , 2021, , 293-306.	0.3	6
8	An analysis of rainfall variability and drought over Barmer District of Rajasthan, Northwest India. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 2505-2517.	2.1	35
9	An assessment of groundwater quality in South-West zone of Surat city. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 3000-3010.	2.1	8
10	Analysis of scour depth in the case of parallel bridges using HEC-RAS. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 3419-3432.	2.1	12
11	Long-term trend analysis of climate variables for arid and semi-arid regions of an Indian State Rajasthan. <i>International Journal of Hydrology Science and Technology</i> , 2020, 1, 1.	0.3	4