

# Basant Yadav

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

592  
citations

840585

11  
h-index

887953

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

659  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of horizontal bores in improving the yield of large diameter wells in low permeability aquifers. Sustainable Water Resources Management, 2022, 8, .	1.0	0
2	Machine learning and artificial intelligence application in constructed wetlands for industrial effluent treatment: advances and challenges in assessment and bioremediation modeling. , 2021, , 403-414.		2
3	Engineered Bioremediation of NAPL Polluted Sites: Experimental and Simulation-Optimization Approach under Heterogeneous Moisture and Temperature Conditions. Journal of Environmental Engineering, ASCE, 2021, 147, .	0.7	5
4	VOCs and GHGs Intrusion and Its Impacts on Subsurface Microbial Community. Microorganisms for Sustainability, 2021, , 243-258.	0.4	0
5	River discharge simulation using variable parameter McCarthyâ€™Muskingum and wavelet-support vector machine methods. Neural Computing and Applications, 2020, 32, 2457-2470.	3.2	5
6	Ensemble modelling framework for groundwater level prediction in urban areas of India. Science of the Total Environment, 2020, 712, 135539.	3.9	75
7	Leakage of CO2 from geological storage and its impacts on fresh soilâ€™water systems: a review. Environmental Science and Pollution Research, 2020, 27, 12995-13018.	2.7	20
8	Rhizospheric Treatment of Hydrocarbons Containing Wastewater. Microorganisms for Sustainability, 2020, , 289-301.	0.4	6
9	Indiaâ€™s Major Subsurface Pollutants Under Future Climatic Scenarios: Challenges and Remedial Solutions. , 2020, , 119-140.		5
10	Assessment of LNAPL in Subsurface under Fluctuating Groundwater Table Using 2D Sand Tank Experiments. Journal of Environmental Engineering, ASCE, 2019, 145, .	0.7	43
11	Evaluation of best management practices for sediment and nutrient loss control using SWAT model. Soil and Tillage Research, 2019, 192, 42-58.	2.6	84
12	Simulation-Optimization Approach for the Consideration of Well Clogging during Cost Estimation of In Situ Bioremediation System. Journal of Hydrologic Engineering - ASCE, 2018, 23, .	0.8	11
13	Data-based modelling approach for variable density flow and solute transport simulation in a coastal aquifer. Hydrological Sciences Journal, 2018, 63, 210-226.	1.2	12
14	Modeling Simulation of River Discharge of Loktak Lake Catchment in Northeast India. Journal of Hydrologic Engineering - ASCE, 2018, 23, .	0.8	7
15	A hybrid wavelet-support vector machine model for prediction of Lake water level fluctuations using hydro-meteorological data. Measurement: Journal of the International Measurement Confederation, 2017, 103, 294-301.	2.5	52
16	Ensemble Wavelet-Support Vector Machine Approach for Prediction of Suspended Sediment Load Using Hydrometeorological Data. Journal of Hydrologic Engineering - ASCE, 2017, 22, .	0.8	26
17	Assessing the applicability of TMPA-3B42V7 precipitation dataset in wavelet-support vector machine approach for suspended sediment load prediction. Journal of Hydrology, 2017, 550, 103-117.	2.3	48
18	Assessing the suitability of extreme learning machines (ELM) for groundwater level prediction. Journal of Water and Land Development, 2017, 32, 103-112.	0.9	58

#	ARTICLE	IF	CITATIONS
19	Estimation of in-situ bioremediation system cost using a hybrid Extreme Learning Machine (ELM)-particle swarm optimization approach. Journal of Hydrology, 2016, 543, 373-385.	2.3	49
20	Discharge forecasting using an Online Sequential Extreme Learning Machine (OS-ELM) model: A case study in Neckar River, Germany. Measurement: Journal of the International Measurement Confederation, 2016, 92, 433-445.	2.5	69
21	Variable parameter McCarthy's Muskingum routing method considering lateral flow. Journal of Hydrology, 2015, 523, 489-499.	2.3	15