

# Jie Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4170217/publications.pdf>

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13  
papers

158  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Deep Learning Model for Concrete Dam Deformation Prediction Based on RS-LSTM. Journal of Sensors, 2019, 2019, 1-14.	1.1	50
2	Back analysis of the 3D seepage problem and its engineering applications. Environmental Earth Sciences, 2016, 75, 1.	2.7	23
3	Effects of Temperature and Dry Density on Hydraulic Conductivity of Silty Clay under Infiltration of Low-Temperature Water. Arabian Journal for Science and Engineering, 2014, 39, 461-466.	1.1	20
4	Heat tracer test in a riparian zone: Laboratory experiments and numerical modelling. Journal of Hydrology, 2018, 563, 560-575.	5.4	14
5	The Health Monitoring Method of Concrete Dams Based on Ambient Vibration Testing and Kernel Principle Analysis. Shock and Vibration, 2015, 2015, 1-11.	0.6	11
6	Comparative Study of the Dynamic Back-Analysis Methods of Concrete Gravity Dams Based on Multivariate Machine Learning Models. Journal of Earthquake Engineering, 2021, 25, 1-22.	2.5	10
7	Research on singular value detection method of concrete dam deformation monitoring. Measurement: Journal of the International Measurement Confederation, 2021, 179, 109457.	5.0	10
8	Dielectric Characteristics of Unsaturated Loess and the Safety Detection of the Road Subgrade Based on GPR. Journal of Sensors, 2018, 2018, 1-8.	1.1	6
9	Online Modal Identification of Concrete Dams Using the Subspace Tracking-Based Method. Shock and Vibration, 2019, 2019, 1-18.	0.6	5
10	Deep learning model of concrete dam deformation prediction based on CNN. IOP Conference Series: Earth and Environmental Science, 2020, 580, 012042.	0.3	4
11	The dynamic finite element model calibration method of concrete dams based on strong-motion records and multivariate relevant vector machines. Journal of Vibroengineering, 2016, 18, 3811-3828.	1.0	3
12	Sediment Deposition Risk Analysis and PLSR Model Research for Cascade Reservoirs Upstream of the Yellow River. Mathematical Problems in Engineering, 2015, 2015, 1-7.	1.1	1
13	Inversion Model of GPR Imaging Characteristics of Point Objects and Fracture Detection of Heritage Building. Journal of Sensors, 2018, 2018, 1-10.	1.1	1