

# Hessam Najafi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4873678/publications.pdf>

Version: 2024-02-01

12  
papers

325  
citations

933264

10  
h-index

1281743

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emotional ANN (EANN) and Wavelet-ANN (WANN) Approaches for Markovian and Seasonal Based Modeling of Rainfall-Runoff Process. <i>Water Resources Management</i> , 2018, 32, 3441-3456.	1.9	65
2	An emotional artificial neural network for prediction of vehicular traffic noise. <i>Science of the Total Environment</i> , 2020, 707, 136134.	3.9	54
3	A Wavelet Based Data Mining Technique for Suspended Sediment Load Modeling. <i>Water Resources Management</i> , 2019, 33, 1769-1784.	1.9	48
4	Conjunction of emotional ANN (EANN) and wavelet transform for rainfall-runoff modeling. <i>Journal of Hydroinformatics</i> , 2019, 21, 136-152.	1.1	41
5	Conjunction of a newly proposed emotional ANN (EANN) and wavelet transform for suspended sediment load modeling. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 1726-1734.	1.0	35
6	Wavelet-Exponential Smoothing: a New Hybrid Method for Suspended Sediment Load Modeling. <i>Environmental Processes</i> , 2019, 6, 191-218.	1.7	18
7	Assessing the effect of emotional unit of emotional ANN (EANN) in estimation of the prediction intervals of suspended sediment load modeling. <i>Earth Science Informatics</i> , 2021, 14, 201-213.	1.6	17
8	Application of Z-numbers to monitor drought using large-scale oceanic-atmospheric parameters. <i>Journal of Hydrology</i> , 2021, 598, 126198.	2.3	15
9	Emotional ANN (EANN): A New Generation of Neural Networks for Hydrological Modeling in IoT. <i>Transactions on Computational Science and Computational Intelligence</i> , 2019, , 45-61.	0.3	14
10	Application of Z-numbers to teleconnection modeling between monthly precipitation and large scale sea surface temperature. <i>Hydrology Research</i> , 2022, 53, 1-13.	1.1	11
11	Using Hybrid Wavelet-Exponential Smoothing Approach for Streamflow Modeling. <i>Complexity</i> , 2021, 2021, 1-17.	0.9	7
12	Historical changes in hydroclimatic extreme events over Iran. , 2022, , 101-115.		0