

Tienfuan Kerh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

368
citations

9
h-index

19
g-index

23
ext. papers

398
ext. citations

2.7
avg, IF

3.19
L-index

#	Paper	IF	Citations
21	Artificial neural network for modeling reference evapotranspiration complex process in Sudano-Sahelian zone. <i>Agricultural Water Management</i> , 2010 , 97, 707-714	5.9	97
20	Estimation of groundwater recharge using the chloride mass-balance method, Pingtung Plain, Taiwan. <i>Hydrogeology Journal</i> , 1998 , 6, 282-292	3.1	45
19	Neural networks forecasting of flood discharge at an unmeasured station using river upstream information. <i>Advances in Engineering Software</i> , 2006 , 37, 533-543	3.6	40
18	Neural network estimation of ground peak acceleration at stations along Taiwan high-speed rail system. <i>Engineering Applications of Artificial Intelligence</i> , 2005 , 18, 857-866	7.2	40
17	Neural networks approach and microtremor measurements in estimating peak ground acceleration due to strong motion. <i>Advances in Engineering Software</i> , 2002 , 33, 733-742	3.6	36
16	MODELLING REFERENCE EVAPOTRANSPIRATION USING FEED FORWARD BACKPROPAGATION ALGORITHM IN ARID REGIONS OF AFRICA. <i>Irrigation and Drainage</i> , 2011 , 60, 404-417	1.1	25
15	Transient Fluid-Structure Interaction in a Control Valve. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 1997 , 119, 354-359	2.1	22
14	A mixture neural methodology for computing rice consumptive water requirements in Fada N'Gourma Region, Eastern Burkina Faso. <i>Paddy and Water Environment</i> , 2010 , 8, 165-173	1.6	13
13	Neural computing with genetic algorithm in evaluating potentially hazardous metropolitan areas result from earthquake. <i>Neural Computing and Applications</i> , 2010 , 19, 521-529	4.8	10
12	Incorporating global search capability of a genetic algorithm into neural computing to model seismic records and soil test data. <i>Neural Computing and Applications</i> , 2017 , 28, 437-448	4.8	5
11	Neural Network Approach for Analyzing Seismic Data to Identify Potentially Hazardous Bridges. <i>Mathematical Problems in Engineering</i> , 2011 , 2011, 1-15	1.1	5
10	Forecasting of Nonlinear Shoreline Variation Based on Aerial Survey Map by Neural Network Approach. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2009 , 10,	1.8	5
9	A conforming quadrilateral plate bending element with shear deformations. <i>Computers and Structures</i> , 1995 , 56, 93-100	4.5	5
8	Finite element analysis of fluid motion with an oscillating structural system. <i>Advances in Engineering Software</i> , 1998 , 29, 717-722	3.6	4
7	Predictions Of Confined Shear Flows Over A Wall Obstacle. <i>International Journal of Modelling and Simulation</i> , 1995 , 15, 23-29	1.5	4
6	Experimental Evaluation of Anti-stripping Additives Mixing in Road Surface Pavement Materials. <i>American Journal of Applied Sciences</i> , 2005 , 2, 1427-1433	0.8	3
5	Numerical Calculations For Pulsating Flow Past A Bluff Body. <i>International Journal of Modelling and Simulation</i> , 1994 , 14, 112-116	1.5	3

4	Investigating Nonlinear Shoreline Multiperiod Change from Orthophoto Map Information by Using a Neural Network Model. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-9	1.1	2
3	Application of Galerkin Time Scheme to Investigate Unsteady Flow Around an Inclined Plate. <i>International Journal of Modelling and Simulation</i> , 2000 , 20, 69-78	1.5	2
2	Seismic Design Value Evaluation Based on Checking Records and Site Geological Conditions Using Artificial Neural Networks. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-12	0.7	1
1	Evaluations of the strong ground motion parameter by neural computing and microtremor measurement 2010 ,		1