

# Tienfuan Kerh

## List of Publications by Year in descending order

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23  
papers

456  
citations

932766

10  
h-index

752256

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

458  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial neural network for modeling reference evapotranspiration complex process in Sudano-Sahelian zone. <i>Agricultural Water Management</i> , 2010, 97, 707-714.	2.4	123
2	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.	4.3	58
3	Estimation of groundwater recharge using the chloride mass-balance method, Pingtung Plain, Taiwan. <i>Hydrogeology Journal</i> , 1998, 6, 282-292.	0.9	52
4	Neural networks forecasting of flood discharge at an unmeasured station using river upstream information. <i>Advances in Engineering Software</i> , 2006, 37, 533-543.	1.8	48
5	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.	1.8	45
6	MODELLING REFERENCE EVAPOTRANSPIRATION USING FEED FORWARD BACKPROPAGATION ALGORITHM IN ARID REGIONS OF AFRICA. <i>Irrigation and Drainage</i> , 2011, 60, 404-417.	0.8	26
7	Transient Fluid-Structure Interaction in a Control Valve. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 1997, 119, 354-359.	0.8	23
8	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.	1.0	13
9	Neural computing with genetic algorithm in evaluating potentially hazardous metropolitan areas result from earthquake. <i>Neural Computing and Applications</i> , 2010, 19, 521-529.	3.2	13
10	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.	3.2	10
11	Neural Network Approach for Analyzing Seismic Data to Identify Potentially Hazardous Bridges. <i>Mathematical Problems in Engineering</i> , 2011, 2011, 1-15.	0.6	8
12	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, .	0.4	7
13	A conforming quadrilateral plate bending element with shear deformations. <i>Computers and Structures</i> , 1995, 56, 93-100.	2.4	6
14	Predictions Of Confined Shear Flows Over A Wall Obstacle. <i>International Journal of Modelling and Simulation</i> , 1995, 15, 23-29.	2.3	5
15	Experimental Evaluation of Anti-stripping Additives Mixing in Road Surface Pavement Materials. <i>American Journal of Applied Sciences</i> , 2005, 2, 1427-1433.	0.1	5
16	Finite element analysis of fluid motion with an oscillating structural system. <i>Advances in Engineering Software</i> , 1998, 29, 717-722.	1.8	4
17	Numerical Calculations For Pulsating Flow Past A Bluff Body. <i>International Journal of Modelling and Simulation</i> , 1994, 14, 112-116.	2.3	3
18	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.	2.3	2

#	ARTICLE	IF	CITATIONS
19	Seismic Design Value Evaluation Based on Checking Records and Site Geological Conditions Using Artificial Neural Networks. Abstract and Applied Analysis, 2013, 2013, 1-12.	0.3	2
20	Investigating Nonlinear Shoreline Multiperiod Change from Orthophoto Map Information by Using a Neural Network Model. Mathematical Problems in Engineering, 2014, 2014, 1-9.	0.6	2
21	Evaluations of the strong ground motion parameter by neural computing and microtremor measurement. , 2010, , .		1
22	Neural Network Examination on Seismic Design Values in the Building Code of Taiwan. , 2007, , .		0
23	Computational Intelligence Application in Modeling Seismic Record and Soil Test Data at a Specified Area. , 2015, , .		0