I-Cheng Yeh

List of Publications by Citations

44 papers	1,520 citations	16 h-index	38 g-index
46 ext. papers	1,818 ext. citations	4.9 avg, IF	5.23 L-index

#	Paper	IF	Citations
44	The comparisons of data mining techniques for the predictive accuracy of probability of default of credit card clients. *Expert Systems With Applications*, **2009**, 36, 2473-2480	7.8	273
43	Modeling slump flow of concrete using second-order regressions and artificial neural networks. *Cement and Concrete Composites*, **2007**, 29, 474-480	8.6	171
42	Knowledge discovery on RFM model using Bernoulli sequence. *Expert Systems With Applications*, **2009**, 36, 5866-5871	7.8	159
41	Design of High-Performance Concrete Mixture Using Neural Networks and Nonlinear Programming. *Journal of Computing in Civil Engineering*, **1999**, 13, 36-42	5	128
40	Construction-Site Layout Using Annealed Neural Network. *Journal of Computing in Civil Engineering*, **1995**, 9, 201-208	5	117
39	Analysis of Strength of Concrete Using Design of Experiments and Neural Networks. *Journal of Materials in Civil Engineering*, **2006**, 18, 597-604	3	90
38	Knowledge discovery of concrete material using Genetic Operation Trees. *Expert Systems With Applications*, **2009**, 36, 5807-5812	7.8	80
37	Modeling Concrete Strength with Augment-Neuron Networks. *Journal of Materials in Civil Engineering*, **1998**, 10, 263-268	3	66
36	Computer-aided design for optimum concrete mixtures. *Cement and Concrete Composites*, **2007**, 29, 193-202	8.6	54
35	Exploring Concrete Slump Model Using Artificial Neural Networks. *Journal of Computing in Civil Engineering*, **2006**, 20, 217-221	5	45
34	Architectural layout optimization using annealed neural network. *Automation in Construction*, **2006**, 15, 531-539	9.6	39
33	Generalization of strength versus water□cementitious ratio relationship to age. *Cement and Concrete Research*, **2006**, 36, 1865-1873	10.3	31
32	Building strength models for high-performance concrete at different ages using genetic operation trees, nonlinear regression, and neural networks. *Engineering With Computers*, **2010**, 26, 61-73	4.5	25
31	First and second order sensitivity analysis of MLP. *Neurocomputing*, **2010**, 73, 2225-2233	5.4	25
30	Optimization of concrete mix proportioning using a flattened simplex□centroid mixture design and neural networks. *Engineering With Computers*, **2009**, 25, 179-190	4.5	22
29	Hybrid Genetic Algorithms for Optimization of Truss Structures. *Computer-Aided Civil and Infrastructure Engineering*, **1999**, 14, 199-206	8.4	19
28	Evaluating competitiveness using fuzzy analytic hierarchy process-A case study of Chinese airlines. *Journal of Advanced Transportation*, **2013**, 47, 619-634	1.9	16

27	Applications of web mining for marketing of online bookstores. *Expert Systems With Applications*, **2009**, 36, 11249-11256	7.8	16
26	Using mixture design and neural networks to build stock selection decision support systems. *Neural Computing and Applications*, **2017**, 28, 521-535	4.8	13
25	Evaluation approach to stock trading system using evolutionary computation. *Expert Systems With Applications*, **2011**, 38, 794-803	7.8	11
24	Growth Value Two-Factor Model. *Journal of Asset Management*, **2011**, 11, 435-451	1.1	11
23	Spatial interpolation using MLP RBFN hybrid networks. *International Journal of Geographical Information Science*, **2013**, 27, 1884-1901	4.1	10
22	Modeling chaotic two-dimensional mapping with fuzzy-neuron networks. *Fuzzy Sets and Systems*, **1999**, 105, 421-427	3.7	9
21	Fuzzy rule-based stock trading system **2011**,		8
20	Cosmetics purchasing behavior An analysis using association reasoning neural networks. *Expert Systems With Applications*, **2010**, 37, 7219-7226	7.8	8
19	Virtual Reality Learning System for Digital Terrain Model Surveying Practice. *Journal of Professional Issues in Engineering Education and Practice*, **2008**, 134, 335-345	0.7	8
18	Exploring the dynamic model of the returns from value stocks and growth stocks using time series mining. *Expert Systems With Applications*, **2014**, 41, 7730-7743	7.8	6
17	Modeling asphalt pavement overlay transverse cracks using the genetic operation tree and Levenberg Marquardt Method. *Expert Systems With Applications*, **2012**, 39, 4874-4881	7.8	6
16	Supervised Learning Probabilistic Neural Networks. *Neural Processing Letters*, **2011**, 34, 193-208	2.4	6
15	Structural Engineering Applications with Augmented Neural Networks. *Computer-Aided Civil and Infrastructure Engineering*, **1998**, 13, 83-90	8.4	6
14	Building Valuation Model of Enterprise Values for Construction Enterprise with Quantile Neural Networks. *Journal of Construction Engineering and Management - ASCE*, **2016**, 142, 04015075	4.2	5
13	**2010**,		5
12	Using neural networks to integrate structural analysis package and optimization package. *Neural Computing and Applications*, **2016**, 27, 571-583	4.8	4
11	Adaptive radial basis function networks with kernel shape parameters. *Neural Computing and Applications*, **2012**, 21, 469-480	4.8	4
10	A Novel Fitness Function in Genetic Algorithms to Optimize Neural Networks for Imbalanced Data Sets **2008**,		4

9	Building growth and value hybrid valuation model with errors-in-variables regression. *Applied Economics Letters*, **2019**, 26, 370-386	1	3
8	Radial basis function networks with adjustable kernel shape parameters **2010**,		3
7	Discovering optimal weights in weighted-scoring stock-picking models: a mixture design approach. *Financial Innovation*, **2020**, 6,	5.7	3
6	Evaluating real estate development project with Monte Carlo based binomial options pricing model. *Applied Economics Letters*, **2020**, 27, 307-324	1	3
5	Growth and value hybrid valuation model based on mean reversion. *Applied Economics*, **2017**, 1-25	1.6	2
4	Minimum Risk Neural Networks and Weight Decay Technique. *Communications in Computer and Information Science*, **2012**, 10-16	0.3	2
3	Estimating the distribution of enterprise values with quantile neural networks. *Soft Computing*, **2020**, 24, 13085-13097	3.5	1
2	Which drives abnormal returns, over- or under-reaction? Studies applying longitudinal analysis. *Applied Economics*, **2014**, 46, 3224-3235	1.6	1
1	Analysis□djustment□ynthesis networks. *Connection Science*, **2007**, 19, 261-277	2.8	1