

I-Cheng Yeh

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,201
citations

430754

18
h-index

289141

40
g-index

46
all docs

46
docs citations

46
times ranked

1715
citing authors

#	ARTICLE	IF	CITATIONS
1	The comparisons of data mining techniques for the predictive accuracy of probability of default of credit card clients. <i>Expert Systems With Applications</i> , 2009, 36, 2473-2480.	4.4	466
2	Modeling slump flow of concrete using second-order regressions and artificial neural networks. <i>Cement and Concrete Composites</i> , 2007, 29, 474-480.	4.6	232
3	Knowledge discovery on RFM model using Bernoulli sequence. <i>Expert Systems With Applications</i> , 2009, 36, 5866-5871.	4.4	216
4	Design of High-Performance Concrete Mixture Using Neural Networks and Nonlinear Programming. <i>Journal of Computing in Civil Engineering</i> , 1999, 13, 36-42.	2.5	175
5	Construction-Site Layout Using Annealed Neural Network. <i>Journal of Computing in Civil Engineering</i> , 1995, 9, 201-208.	2.5	139
6	Analysis of Strength of Concrete Using Design of Experiments and Neural Networks. <i>Journal of Materials in Civil Engineering</i> , 2006, 18, 597-604.	1.3	134
7	Knowledge discovery of concrete material using Genetic Operation Trees. <i>Expert Systems With Applications</i> , 2009, 36, 5807-5812.	4.4	111
8	Modeling Concrete Strength with Augment-Neuron Networks. <i>Journal of Materials in Civil Engineering</i> , 1998, 10, 263-268.	1.3	104
9	Computer-aided design for optimum concrete mixtures. <i>Cement and Concrete Composites</i> , 2007, 29, 193-202.	4.6	81
10	Exploring Concrete Slump Model Using Artificial Neural Networks. <i>Journal of Computing in Civil Engineering</i> , 2006, 20, 217-221.	2.5	73
11	Architectural layout optimization using annealed neural network. <i>Automation in Construction</i> , 2006, 15, 531-539.	4.8	51
12	Generalization of strength versus water-cementitious ratio relationship to age. <i>Cement and Concrete Research</i> , 2006, 36, 1865-1873.	4.6	43
13	First and second order sensitivity analysis of MLP. <i>Neurocomputing</i> , 2010, 73, 2225-2233.	3.5	37
14	Optimization of concrete mix proportioning using a flattened simplex-centroid mixture design and neural networks. <i>Engineering With Computers</i> , 2009, 25, 179-190.	3.5	34
15	Building strength models for high-performance concrete at different ages using genetic operation trees, nonlinear regression, and neural networks. <i>Engineering With Computers</i> , 2010, 26, 61-73.	3.5	32
16	Using mixture design and neural networks to build stock selection decision support systems. <i>Neural Computing and Applications</i> , 2017, 28, 521-535.	3.2	26
17	Applications of web mining for marketing of online bookstores. <i>Expert Systems With Applications</i> , 2009, 36, 11249-11256.	4.4	23
18	Hybrid Genetic Algorithms for Optimization of Truss Structures. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 1999, 14, 199-206.	6.3	22

#	ARTICLE	IF	CITATIONS
19	Evaluating competitiveness using fuzzy analytic hierarchy processâ€”A case study of Chinese airlines. Journal of Advanced Transportation, 2013, 47, 619-634.	0.9	18
20	Cosmetics purchasing behavior â€” An analysis using association reasoning neural networks. Expert Systems With Applications, 2010, 37, 7219-7226.	4.4	17
21	Growth Value Two-Factor Model. Journal of Asset Management, 2011, 11, 435-451.	0.7	13
22	Modeling chaotic two-dimensional mapping with fuzzy-neuron networks. Fuzzy Sets and Systems, 1999, 105, 421-427.	1.6	12
23	Evaluation approach to stock trading system using evolutionary computation. Expert Systems With Applications, 2011, 38, 794-803.	4.4	11
24	Fuzzy rule-based stock trading system. , 2011, , .		11
25	Improvement in Estimating Durations for Building Projects Using Artificial Neural Network and Sensitivity Analysis. Journal of Construction Engineering and Management - ASCE, 2021, 147, .	2.0	11
26	Virtual Reality Learning System for Digital Terrain Model Surveying Practice. Journal of Professional Issues in Engineering Education and Practice, 2008, 134, 335-345.	0.9	10
27	Spatial interpolation using MLPâ€”RBFN hybrid networks. International Journal of Geographical Information Science, 2013, 27, 1884-1901.	2.2	10
28	Modeling asphalt pavement overlay transverse cracks using the genetic operation tree and Levenbergâ€”Marquardt Method. Expert Systems With Applications, 2012, 39, 4874-4881.	4.4	9
29	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.	4.4	9
30	Modeling concrete strength using genetic operation trees. , 2010, , .		7
31	Building Valuation Model of Enterprise Values for Construction Enterprise with Quantile Neural Networks. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	2.0	7
32	Structural Engineering Applications with Augmented Neural Networks. Computer-Aided Civil and Infrastructure Engineering, 1998, 13, 83-90.	6.3	6
33	A Novel Fitness Function in Genetic Algorithms to Optimize Neural Networks for Imbalanced Data Sets. , 2008, , .		6
34	Supervised Learning Probabilistic Neural Networks. Neural Processing Letters, 2011, 34, 193-208.	2.0	6
35	Using neural networks to integrate structural analysis package and optimization package. Neural Computing and Applications, 2016, 27, 571-583.	3.2	6
36	Radial basis function networks with adjustable kernel shape parameters. , 2010, , .		5

#	ARTICLE	IF	CITATIONS
37	Building growth and value hybrid valuation model with errors-in-variables regression. Applied Economics Letters, 2019, 26, 370-386.	1.0	5
38	Evaluating real estate development project with Monte Carlo based binomial options pricing model. Applied Economics Letters, 2020, 27, 307-324.	1.0	5
39	Adaptive radial basis function networks with kernel shape parameters. Neural Computing and Applications, 2012, 21, 469-480.	3.2	4
40	Discovering optimal weights in weighted-scoring stock-picking models: a mixture design approach. Financial Innovation, 2020, 6, .	3.6	4
41	Which drives abnormal returns, over- or under-reaction? Studies applying longitudinal analysis. Applied Economics, 2014, 46, 3224-3235.	1.2	2
42	Growth and value hybrid valuation model based on mean reversion. Applied Economics, 0, , 1-25.	1.2	2
43	Estimating the distribution of enterprise values with quantile neural networks. Soft Computing, 2020, 24, 13085-13097.	2.1	2
44	Minimum Risk Neural Networks and Weight Decay Technique. Communications in Computer and Information Science, 2012, , 10-16.	0.4	2
45	Analysis of "adjustment" synthesis networks. Connection Science, 2007, 19, 261-277.	1.8	1
46	Hybrid Transfer Function Networks. , 2010, , .		1