Zuhaimy Ismail

List of Publications by Year
in descending order

37 papers	638 citations
37 all docs	37 docs citations

566801

15
h-index

610482

24
g-index

37
times ranked

571
citing authors

#	Article	IF	Citations
1	A Review of Epidemic Forecasting Using Artificial Neural Networks. International Journal of Epidemiologic Research, 2019, 6, 132-143.	0.4	36
2	A study on private vehicle demand forecasting based on Box-Jenkins method. AIP Conference Proceedings, 2019, , .	0.3	1
3	Impacts of Riskless Assets on Diversification. Advanced Science Letters, 2018, 24, 4286-4289.	0.2	1
4	OPTIMAL METHOD FOR INVESTING ON ASSETS USING BLACK LITTERMAN MODEL. Far East Journal of Mathematical Sciences, 2017, 101, 1123-1131.	0.0	7
5	Implementation of Fuzzy Time Series in Forecasting of the Non-Stationary Data. International Journal of Computational Intelligence and Applications, 2016, 15, 1650009.	0.6	9
6	A reversal model of fuzzy time series in regional load forecasting. International Journal of Energy and Statistics, 2015, 03, 1550003.	0.5	2
7	A new linguistic out-sample approach of fuzzy time series for daily forecasting of Malaysian electricity load demand. Applied Soft Computing Journal, 2015, 28, 422-430.	4.1	74
8	Application of Fuzzy Time Series Approach in Electric Load Forecasting. New Mathematics and Natural Computation, 2015, 11, 229-248.	0.4	18
9	Hybrid GA for material routing optimization in supply chain. Applied Soft Computing Journal, 2015, 26, 107-122.	4.1	26
10	Planning a Nutritious and Healthy Menu For Malaysian School Children Aged 13-18 Using "Delete-reshuffle Algorithm" in Binary Integer Programming. Journal of Applied Sciences, 2015, 15, 1239-1244.	0.1	11
11	A fluid mechanical explanation of the spontaneous reattachment of a previously detached Descemet membrane. Mathematical Medicine and Biology, 2013, 30, 339-355.	0.8	6
12	INTER-QUARTILE RANGE APPROACH TO LENGTH–INTERVAL ADJUSTMENT OF ENROLLMENT DATA IN FUZZY TIME SERIES FORECASTING. International Journal of Computational Intelligence and Applications, 2013, 12, 1350016.	0.6	6
13	IMPROVED WEIGHT FUZZY TIME SERIES AS USED IN THE EXCHANGE RATES FORECASTING OF US DOLLAR TO RINGGIT MALAYSIA. International Journal of Computational Intelligence and Applications, 2013, 12, 1350005.	0.6	28
14	A STUDY ON NEW PRODUCT DEMAND FORECASTING BASED ON BASS DIFFUSION MODEL. Journal of Mathematics and Statistics, 2013, 9, 84-90.	0.2	9
15	NEW CAR DEMAND MODELING AND FORECASTING USING BASS DIFFUSION MODEL. American Journal of Applied Sciences, 2013, 10, 536-541.	0.1	7
16	Modeling of Multi-Level Capacitated Lot-Size Scheduling Problem. American Journal of Applied Sciences, 2011, 8, 290-296.	0.1	3
17	Genetic Algorithm and Tabu Search for Vehicle Routing Problems with Stochastic Demand. , 2010, , .		1
18	In vitro biocompatibility of chitosan porous skin regenerating templates (PSRTs) using primary human skin keratinocytes. Toxicology in Vitro, 2010, 24, 721-727.	1.1	38

#	Article	IF	Citations
19	Comparing forecasting performances between multilayer feedforward neural network and recurrent neural network in Malaysia's load. Journal of Interdisciplinary Mathematics, 2010, 13, 125-134.	0.4	2
20	Enrollment Forecasting based on Modified Weight Fuzzy Time Series. Journal of Artificial Intelligence, 2010, 4, 110-118.	0.7	24
21	Forecasting Peak Load Electricity Demand Using Statistics and Rule Based Approach. American Journal of Applied Sciences, 2009, 6, 1618-1625.	0.1	26
22	Ant Colony Optimization for Solving Solid Waste Collection Scheduling Problems. Journal of Mathematics and Statistics, 2009, 5, 199-205.	0.2	20
23	Intervention Model for Analyzing the Impact of Terrorism to Tourism Industry. Journal of Mathematics and Statistics, 2009, 5, 322-329.	0.2	18
24	Forecasting Gold Prices Using Multiple Linear Regression Method. American Journal of Applied Sciences, 2009, 6, 1509-1514.	0.1	85
25	Forecasting of the Rice Yields Time Series Forecasting using Artificial Neural Network and Statistical Model. Journal of Applied Sciences, 2009, 9, 4168-4173.	0.1	8
26	Traveling Salesman Approach for Solving Petrol Distribution Using Simulated Annealing. American Journal of Applied Sciences, 2008, 5, 1543-1546.	0.1	5
27	Solving the Vehicle Routing Problem with Stochastic Demands via Hybrid Genetic Algorithm-Tabu Search. Journal of Mathematics and Statistics, 2008, 4, 161-167.	0.2	18
28	Time Series Regression Model for Forecasting Malaysian Electricity Load Demand. Asian Journal of Mathematics & Statistics, 2008, 1, 139-149.	0.5	27
29	A Backpropagation Method for Forecasting Electricity Load Demand. Journal of Applied Sciences, 2008, 8, 2428-2434.	0.1	6
30	Adaptive Permutation-Based Genetic Algorithm for Solving VRP with Stochastic Demands. Journal of Applied Sciences, 2008, 8, 3228-3234.	0.1	10
31	Neural Network Model for Oil Palm Yield Modeling. Journal of Applied Sciences, 2006, 6, 391-399.	0.1	15
32	Nonlinear Growth Models for Modeling Oil Palm Yield Growth. Journal of Mathematics and Statistics, 2005, 1, 225-232.	0.2	36
33	Modeling Oil Palm Yield Using Multiple Linear Regression and Robust M-regression. Journal of Agronomy, 2005, 5, 32-36.	0.4	4
34	The Effects of Outliers Data on Neural Network Performance. Journal of Applied Sciences, 2005, 5, 1394-1398.	0.1	45
35	Comparative Study on Nonlinear Growth Model to Tobacco Leaf Growth Data. Journal of Agronomy, 2004, 3, 147-153.	0.4	4
36	Sexual behaviour and HIV knowledge among Dermatology cum Genitourinary Clinic attendees, Johor Bahru, Malaysia. Medical Journal of Malaysia, 1997, 52, 318-24.	0.2	2

#	Article	IF	Citations
37	Constructing high school timetables by computer. OR Insight, 1996, 9, 20-23.	0.1	0