Fadhilah Yusof

List of Publications by Year
in descending order

32 papers	415 citations	933447 10 h-index	794594 19 g-index
32 all docs	32 docs citations	32 times ranked	468 citing authors

#	Article	IF	Citations
1	Drought analysis and water resource availability using standardised precipitation evapotranspiration index. Atmospheric Research, 2018, 201, 102-115.	4.1	75
2	Characterisation of Drought Properties with Bivariate Copula Analysis. Water Resources Management, 2013, 27, 4183-4207.	3.9	72
3	Trivariate copula in drought analysis: a case study in peninsular Malaysia. Theoretical and Applied Climatology, 2019, 138, 657-671.	2.8	34
4	Optimizing the coagulation process in a drinking water treatment plant â€" comparison between traditional and statistical experimental design jar tests. Water Science and Technology, 2012, 65, 496-503.	2.5	31
5	Rainfall characterisation by application of standardised precipitation index (SPI) in Peninsular Malaysia. Theoretical and Applied Climatology, 2014, 115, 503-516.	2.8	20
6	Improvement of time forecasting models using a novel hybridization of bootstrap and double bootstrap artificial neural networks. Applied Soft Computing Journal, 2019, 84, 105676.	7.2	18
7	Volatility modeling of rainfall time series. Theoretical and Applied Climatology, 2013, 113, 247-258.	2.8	17
8	Structural break or long memory: an empirical survey on daily rainfall data sets across Malaysia. Hydrology and Earth System Sciences, 2013, 17, 1311-1318.	4.9	16
9	Flood Frequency Analysis Based on t-copula for Johor River, Malaysia. Journal of Applied Sciences, 2013, 13, 1021-1028.	0.3	14
10	Modeling the Distributions of Flood Characteristics for a Tropical River Basin. Journal of Environmental Science and Technology, 2012, 5, 419-429.	0.3	13
11	Forecasting Wind Speed in Peninsular Malaysia: An Application of ARIMA and ARIMA-GARCH Models. Pertanika Journal of Science and Technology, 2021, 29, .	0.6	12
12	A comparative study of mixed exponential and Weibull distributions in a stochastic model replicating a tropical rainfall process. Theoretical and Applied Climatology, 2014, 118, 597-607.	2.8	11
13	A comparative study between conventional ARMA and Fourier ARMA in modeling and forecasting wind speed data. AIP Conference Proceedings, 2016, , .	0.4	8
14	Assessment of Risk of Rainfall Events with a Hybrid of ARFIMA-GARCH. Modern Applied Science, 2013, 7, .	0.6	7
15	The Modelled Raindrop Size Distribution of Skudai, Peninsular Malaysia, Using Exponential and Lognormal Distributions. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	7
16	TREND ANALYSIS FOR DROUGHT EVENT IN PENINSULAR MALAYSIA. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	6
17	Hybrid of ARIMA-GARCH Modeling in Rainfall Time Series. Jurnal Teknologi (Sciences and Engineering), 2013, 63, .	0.4	6
18	Bivariate copula in fitting rainfall data. , 2014, , .		6

#	Article	IF	Citations
19	Disaggregation of daily rainfall data using Bartlett Lewis Rectangular Pulse model: a case study in central Peninsular Malaysia. Environmental Earth Sciences, 2014, 71, 3627-3640.	2.7	5
20	Correlational study of air pollution-related diseases (asthma, conjunctivitis, URTI and dengue) in Johor Bahru, Malaysia. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 354-361.	0.8	5
21	Application of Self-Organizing Map (SOM) in Missing Daily Rainfall Data in Malaysia. International Journal of Computer Applications, 2012, 48, 23-28.	0.2	5
22	Comparison of Distribution Models for Peakflow, Flood Volume and Flood Duration. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 733-738.	0.1	4
23	Subseasonal to multidecadal variability of northeast monsoon daily rainfall over Peninsular Malaysia using a hidden Markov model. Theoretical and Applied Climatology, 2017, 129, 577-586.	2.8	4
24	Statistical Analysis of Electrical Tree Inception Voltage, Breakdown Voltage and Tree Breakdown Time Data of Unsaturated Polyester Resin. Journal of Electrical Engineering and Technology, 2013, 8, 840-849.	2.0	4
25	IMPUTATION OF MISSING DATA WITH DIFFERENT MISSINGNESS MECHANISM. Jurnal Teknologi (Sciences) Tj ETQq1 1 0.784314 rgBT	0.4	3
26	Measuring volatility persistence on rainfall records with the hybrid of autoregressive fractional integrated moving average (ARFIMA) - hidden Markov model (HMM). , 2015, , .		3
27	PARAMETRIC ESTIMATION METHODS FOR BIVARIATE COPULA IN RAINFALL APPLICATION. Jurnal Teknologi (Sciences and Engineering), 2018, 81, .	0.4	2
28	Modelling monthly influenza cases in Malaysia. PLoS ONE, 2021, 16, e0254137.	2.5	2
29	Construction of Dependence Structure for Rainfall Stations by Joining Time Series Models with Copula Method. Malaysian Journal of Fundamental and Applied Sciences, 2021, 17, 306-320.	0.8	2
30	Non-Homogeneous Hidden Markov Model for Daily Rainfall Amount in Peninsular Malaysia. Jurnal Teknologi (Sciences and Engineering), 2013, 63, .	0.4	2
31	Multi-dimensional reduction using self-organizing map. AIP Conference Proceedings, 2014, , .	0.4	1
32	Effect of Zero Measurements in Rainfall Data. Jurnal Teknologi (Sciences and Engineering), 2013, 63, .	0.4	0