

Abdul Aziz Jemain

List of Publications by Year in descending order

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39
papers

1,581
citations

361045

20
h-index

329751

37
g-index

39
all docs

39
docs citations

39
times ranked

1850
citing authors

#	ARTICLE	IF	CITATIONS
1	On overview of PCA application strategy in processing high dimensionality forensic data. <i>Microchemical Journal</i> , 2021, 169, 106608.	2.3	48
2	The Application of TOPSIS in the Selection of Statistical Prediction Model: A Forensic Ink Analysis Case Study. , 2020, , .		1
3	Predictive modelling of colossal ATR-FTIR spectral data using PLS-DA: empirical differences between PLS1-DA and PLS2-DA algorithms. <i>Analyst, The</i> , 2019, 144, 2670-2678.	1.7	22
4	Statistical comparison of decision rules in PLS2-DA prediction model for classification of blue gel pen inks according to pen brand and pen model. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2019, 184, 94-101.	1.8	4
5	Validity of the best practice in splitting data for hold-out validation strategy as performed on the ink strokes in the context of forensic science. <i>Microchemical Journal</i> , 2018, 139, 125-133.	2.3	22
6	Effects of data pre-processing methods on classification of ATR-FTIR spectra of pen inks using partial least squares-discriminant analysis (PLS-DA). <i>Chemometrics and Intelligent Laboratory Systems</i> , 2018, 182, 90-100.	1.8	24
7	Partial least squares-discriminant analysis (PLS-DA) for classification of high-dimensional (HD) data: a review of contemporary practice strategies and knowledge gaps. <i>Analyst, The</i> , 2018, 143, 3526-3539.	1.7	434
8	The effects of column-wise manipulations on accuracy of classical classifiers with high-dimensional spectral data. , 2017, , .		1
9	Forensic differentiation of paper by ATR-FTIR spectroscopy technique and partial least-squares-discriminant analysis (PLS-DA). <i>AIP Conference Proceedings</i> , 2016, , .	0.3	4
10	Bayesian quantile regression model for claim count data. <i>Insurance: Mathematics and Economics</i> , 2016, 66, 124-137.	0.7	13
11	Anomaly detection and assessment of PM 10 functional data at several locations in the Klang Valley, Malaysia. <i>Atmospheric Pollution Research</i> , 2015, 6, 365-375.	1.8	37
12	The Drought Characteristics Using the First-Order Homogeneous Markov Chain of Monthly Rainfall Data in Peninsular Malaysia. <i>Water Resources Management</i> , 2015, 29, 1523-1539.	1.9	36
13	Semi-parametric Estimation Based on Second Order Parameter for Selecting Optimal Threshold of Extreme Rainfall Events. <i>Water Resources Management</i> , 2014, 28, 3489-3514.	1.9	5
14	Enzyme activity profiles and ELISA analysis of biomarkers from human saliva and gingival crevicular fluid during orthodontic tooth movement using self-ligating brackets. <i>Oral Health and Dental Management</i> , 2014, 13, 194-9.	0.7	12
15	Analysis of drought condition and risk in Peninsular Malaysia using Standardised Precipitation Index. <i>Theoretical and Applied Climatology</i> , 2013, 111, 559-568.	1.3	44
16	Bayesian structural equation modeling for the health index. <i>Journal of Applied Statistics</i> , 2013, 40, 1254-1269.	0.6	23
17	Semi-parametric Estimation for Selecting Optimal Threshold of Extreme Rainfall Events. <i>Water Resources Management</i> , 2013, 27, 2325-2352.	1.9	10
18	Stability of lactate dehydrogenase, aspartate aminotransferase, alkaline phosphatase and tartrate resistant acid phosphatase in human saliva and gingival crevicular fluid in the presence of protease inhibitor. <i>Archives of Biological Sciences</i> , 2013, 65, 1131-1140.	0.2	6

#	ARTICLE	IF	CITATIONS
19	Spatial analysis of daily rainfall intensity and concentration index in Peninsular Malaysia. Theoretical and Applied Climatology, 2012, 108, 235-245.	1.3	64
20	Common mental disorders in Malaysia: Malaysian mental health survey, 2003-2005. Asia-Pacific Psychiatry, 2012, 4, 201-209.	1.2	20
21	Assessing Schoolsâ€™ Academic Performance Using a Belief Structure. Social Indicators Research, 2012, 106, 187-197.	1.4	4
22	A sustainable city index for Malaysia. International Journal of Sustainable Development and World Ecology, 2011, 18, 28-35.	3.2	49
23	Comparing rainfall patterns between regions in Peninsular Malaysia via a functional data analysis technique. Journal of Hydrology, 2011, 411, 197-206.	2.3	47
24	Spatial patterns and trends of daily rainfall regime in Peninsular Malaysia during the southwest and northeast monsoons: 1975â€“2004. Meteorology and Atmospheric Physics, 2010, 110, 1-18.	0.9	55
25	Recent changes in extreme rainfall events in Peninsular Malaysia: 1971â€“2005. Theoretical and Applied Climatology, 2010, 99, 303-314.	1.3	71
26	Spatial trends of dry spells over Peninsular Malaysia during monsoon seasons. Theoretical and Applied Climatology, 2010, 99, 357-371.	1.3	58
27	Statistical distributions of extreme dry spell in Peninsular Malaysia. Theoretical and Applied Climatology, 2010, 102, 253-264.	1.3	23
28	On the application of structural equation modeling for the construction of a health index. Environmental Health and Preventive Medicine, 2010, 15, 285-291.	1.4	19
29	Trend and status of air quality at three different monitoring stations in the Klang Valley, Malaysia. Air Quality, Atmosphere and Health, 2010, 3, 53-64.	1.5	163
30	The best probability models for dry and wet spells in Peninsular Malaysia during monsoon seasons. International Journal of Climatology, 2010, 30, 1194-1205.	1.5	33
31	Investigating the impacts of adjoining wet days on the distribution of daily rainfall amounts in Peninsular Malaysia. Journal of Hydrology, 2009, 368, 17-25.	2.3	47
32	Fitting the distribution of dry and wet spells with alternative probability models. Meteorology and Atmospheric Physics, 2009, 104, 13-27.	0.9	24
33	The best fitting distribution of annual maximum rainfall in Peninsular Malaysia based on methods of L-moment and LQ-moment. Theoretical and Applied Climatology, 2009, 96, 337-344.	1.3	42
34	Fitting optimum order of Markov chain models for daily rainfall occurrences in Peninsular Malaysia. Theoretical and Applied Climatology, 2009, 97, 109-121.	1.3	26
35	Mixed probability models for dry and wet spells. Statistical Methodology, 2009, 6, 290-303.	0.5	2
36	Mixed log series geometric distribution for sequences of dry days. Atmospheric Research, 2009, 92, 236-243.	1.8	14

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37	Multistage Median Ranked Set Sampling for Estimating the Population Median. Journal of Mathematics and Statistics, 2007, 3, 58-64.	0.2	17
38	Fitting Daily Rainfall Amount in Malaysia Using the Normal Transform Distribution. Journal of Applied Sciences, 2007, 7, 1880-1886.	0.1	44
39	The Clinical Interview Schedule-Revised (CIS-R)-Malay Version, Clinical Validation. The Malaysian Journal of Medical Sciences, 2006, 13, 58-62.	0.3	13