

Dedy Dwi Prastyo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7752907/publications.pdf>

Version: 2024-02-01

71
papers

496
citations

933264

10
h-index

839398

18
g-index

71
all docs

71
docs citations

71
times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in pretreatment technology for handling the palm oil mill effluent: Challenges and prospects. <i>Bioresource Technology</i> , 2022, 344, 126239.	4.8	20
2	Bioremediation of micropollutants using living and non-living algae - Current perspectives and challenges. <i>Environmental Pollution</i> , 2022, 292, 118474.	3.7	30
3	Hybrid dynamic harmonic regression with calendar variation for Turkey short-term electricity load forecasting. <i>Procedia Computer Science</i> , 2022, 197, 25-33.	1.2	5
4	The Geographically Weighted Multivariate Poisson Inverse Gaussian Regression Model and Its Applications. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4199.	1.3	1
5	Mutual Information-Based Variable Selection on Latent Class Cluster Analysis. <i>Symmetry</i> , 2022, 14, 908.	1.1	2
6	Outlier detection using PCA mix based T^2 control chart for continuous and categorical data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2021, 50, 1496-1523.	0.6	13
7	Mixed Spline Smoothing and Kernel Estimator in Biresponse Nonparametric Regression. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2021, 2021, 1-14.	0.3	3
8	The effectiveness of Max-Half-Mchart over Max-Mchart in simultaneously monitoring process mean and variability of individual observations. <i>Quality and Reliability Engineering International</i> , 2021, 37, 2334-2347.	1.4	4
9	PCA-based Hotelling's T^2 chart with fast minimum covariance determinant (FMCD) estimator and kernel density estimation (KDE) for network intrusion detection. <i>Computers and Industrial Engineering</i> , 2021, 158, 107447.	3.4	15
10	Hybrid Space-Time Model and Machine Learning for Forecasting Multivariate Spatio-Temporal Data. , 2021, , .		0
11	Shifting from Conventional to Organic Filter Media in Wastewater Biofiltration Treatment: A Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8650.	1.3	22
12	Forecasting with Recurrent Neural Network in Intermittent Demand Data. , 2021, , .		5
13	Max-Half-Mchart: A Simultaneous Control Chart Using a Half-Normal Distribution for Subgroup Observations. <i>IEEE Access</i> , 2021, 9, 105369-105381.	2.6	1
14	Hybrid of Time Series Regression, Multivariate Generalized Space-Time Autoregressive, and Machine Learning for Forecasting Air Pollution. <i>Communications in Computer and Information Science</i> , 2021, , 351-365.	0.4	0
15	The Physical Modeling Analysis of Fate and Transport of Silver Nanoparticles Dispersed by Water Flow. <i>Journal of Chemistry</i> , 2021, 2021, 1-9.	0.9	1
16	Bootstrap-based maximum multivariate CUSUM control chart. <i>Quality Technology and Quantitative Management</i> , 2020, 17, 52-74.	1.1	26
17	Robust adaptive multivariate Hotelling's T^2 control chart based on kernel density estimation for intrusion detection system. <i>Expert Systems With Applications</i> , 2020, 145, 113105.	4.4	32
18	Parameter Estimation and Hypothesis Testing of Multivariate Poisson Inverse Gaussian Regression. <i>Symmetry</i> , 2020, 12, 1738.	1.1	9

#	ARTICLE	IF	CITATIONS
19	Multivariate Gamma Regression: Parameter Estimation, Hypothesis Testing, and Its Application. <i>Symmetry</i> , 2020, 12, 813.	1.1	9
20	Assessing the indicators of economic growth in Indonesia using spatial principal components analysis. <i>Journal of Physics: Conference Series</i> , 2020, 1446, 012051.	0.3	0
21	Survival Support Vector Machines: A Simulation Study and Its Health-Related Application. <i>Unsupervised and Semi-supervised Learning</i> , 2020, , 85-100.	0.4	1
22	Interval Parameter Estimation of Quantile Regression Using Bca-Bootstrap Approach with Application to Open Unemployment Rate Study. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 546, 052082.	0.3	1
23	Residual-based maximum MCUSUM control chart for joint monitoring the mean and variability of multivariate autocorrelated processes. <i>Production and Manufacturing Research</i> , 2019, 7, 364-394.	0.9	11
24	A simulation study and application of feature selection on survival least square support vector machines. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
25	Trivariate gamma regression. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 546, 052062.	0.3	3
26	Input selection in support vector regression for univariate time series forecasting. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	3
27	Credit scoring to classify consumer loan using machine learning. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	5
28	Hybrid multivariate generalized space-time autoregressive artificial neural network models to forecast air pollution data at Surabaya. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	7
29	VAR and GSTAR-Based Feature Selection in Support Vector Regression for Multivariate Spatio-Temporal Forecasting. <i>Communications in Computer and Information Science</i> , 2019, , 46-57.	0.4	10
30	New Hybrid Statistical Method and Machine Learning for PM10 Prediction. <i>Communications in Computer and Information Science</i> , 2019, , 142-155.	0.4	3
31	Simulation Study of Feature Selection on Survival Least Square Support Vector Machines with Application to Health Data. <i>Communications in Computer and Information Science</i> , 2019, , 34-45.	0.4	1
32	Deep Neural Network for Forecasting Inflow and Outflow in Indonesia. <i>Sains Malaysiana</i> , 2019, 48, 1787-1798.	0.3	4
33	ISLAMIC BANKING REVOLUTION IN MALAYSIA: A REVIEW. <i>Humanities and Social Sciences Reviews</i> , 2019, 7, 267-275.	0.2	4
34	On The Impact of Climate Change to Agricultural Productivity in East Java. <i>Journal of Physics: Conference Series</i> , 2018, 979, 012092.	0.3	0
35	Hybrid Quantile Regression Neural Network Model for Forecasting Currency Inflow and Outflow in Indonesia. <i>Journal of Physics: Conference Series</i> , 2018, 1028, 012213.	0.3	3
36	Multioutput Least Square SVR Based Multivariate EWMA Control Chart. <i>Journal of Physics: Conference Series</i> , 2018, 1028, 012221.	0.3	8

#	ARTICLE	IF	CITATIONS
37	Hybrid ARIMAX Quantile Regression Model for Forecasting Inflow and Outflow of East Java Province. Journal of Physics: Conference Series, 2018, 1028, 012228.	0.3	0
38	Risk evaluation on leading companies in property and real estate subsector at IDX: A Value-at-Risk with ARMAX-GARCHX approach and duration test. Journal of Physics: Conference Series, 2018, 979, 012094.	0.3	2
39	χ^2 Control Chart based on Successive Difference Covariance Matrix for Intrusion Detection System. Journal of Physics: Conference Series, 2018, 1028, 012220.	0.3	6
40	COMPARISON BETWEEN HYBRID QUANTILE REGRESSION NEURAL NETWORK AND AUTOREGRESSIVE INTEGRATED MOVING AVERAGE WITH EXOGENOUS VARIABLE FOR FORECASTING OF CURRENCY INFLOW AND OUTFLOW IN BANK INDONESIA. Jurnal Teknologi (Sciences and Engineering), 2018, 80, .	0.3	0
41	Roll motion prediction using a hybrid deep learning and ARIMA model. Procedia Computer Science, 2018, 144, 251-258.	1.2	47
42	Design of Experiment to Optimize the Architecture of Deep Learning for Nonlinear Time Series Forecasting. Procedia Computer Science, 2018, 144, 269-276.	1.2	7
43	GSTARIX Model for Forecasting Spatio-Temporal Data with Trend, Seasonal and Intervention. Journal of Physics: Conference Series, 2018, 1097, 012076.	0.3	1
44	The approach of fuzzy C-means cluster and factor analysis on economic potential mapping of regency/city in East Java Province. AIP Conference Proceedings, 2018, , .	0.3	3
45	Multivariate control chart based on PCA mix for variable and attribute quality characteristics. Production and Manufacturing Research, 2018, 6, 364-384.	0.9	23
46	How SVM Can Compensate Logit Based Response Label with Various Characteristics in Predictor? A Simulation Study. , 2018, , .		0
47	Value-at-Risk Modeling on Stock Return with Exogenous Variables using ARMAX-GARCHX Approach. Journal of Physics: Conference Series, 2018, 1028, 012225.	0.3	0
48	Multioutput least square SVR-based multivariate EWMA control chart: The performance evaluation and application. Cogent Engineering, 2018, 5, 1531456.	1.1	7
49	A Multi-Object Feature Selection Based Text Detection and Extraction Using Skeletonized Region Optical Character Recognition in-Text Images. International Journal of Engineering and Technology(UAE), 2018, 7, 386.	0.2	2
50	Additive survival least square support vector machines and feature selection on health data in Indonesia. , 2018, , .		5
51	Modelling lecturer performance index of private university in Tulungagung by using survival analysis with multivariate adaptive regression spline. Journal of Physics: Conference Series, 2018, 974, 012065.	0.3	1
52	Intrusion Detection System Using Multivariate Control Chart Hotelling's T2 Based on PCA. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 1905-1911.	0.2	25
53	Hybrid SSA-TSR-ARIMA for water demand forecasting. International Journal of Advances in Intelligent Informatics, 2018, 4, 238.	0.8	7
54	Hybrid model for forecasting time series with trend, seasonal and salendar variation patterns. Journal of Physics: Conference Series, 2017, 890, 012160.	0.3	9

#	ARTICLE	IF	CITATIONS
55	Parameter estimation and hypothesis testing on geographically weighted gamma regression. Journal of Physics: Conference Series, 2017, 893, 012025.	0.3	3
56	Additive survival least square support vector machines: A simulation study and its application to cervical cancer prediction. AIP Conference Proceedings, 2017, , .	0.3	5
57	Model Selection in Feedforward Neural Networks for Forecasting Inflow and Outflow in Indonesia. Communications in Computer and Information Science, 2017, , 95-105.	0.4	8
58	Survival analysis of companiesâ€™ delisting time in Indonesian stock exchange using Bayesian multiple-period logit approach. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 425-429.	0.4	5
59	T2 hotelling fuzzy and W2 control chart with application to wheat flour production process. AIP Conference Proceedings, 2016, , .	0.3	6
60	VARI-X model for currency inflow and outflow forecasting with Eid Fitr effect in Indonesia. AIP Conference Proceedings, 2016, , .	0.3	9
61	Determinant factors of publication in Scopus at ITS. , 2016, , .		2
62	Mixture model of spline truncated and kernel in multivariable nonparametric regression. AIP Conference Proceedings, 2016, , .	0.3	7
63	Two levels ARIMAX and regression models for forecasting time series data with calendar variation effects. AIP Conference Proceedings, 2015, , .	0.3	16
64	Embedded Predictor Selection for Default Risk Calculation: A Southeast Asian Industry Study. , 2014, , 131-148.		6
65	Comparison between VAR, GSTAR, FFNN-VAR and FFNN-GSTAR Models for Forecasting Oil Production. Matematika, 0, , 103-111.	0.0	13
66	VARX and GSTARX Models for Forecasting Currency Inflow and Outflow with Multiple Calendar Variations Effect. Matematika, 0, , 57-72.	0.0	2
67	Micro and Macro Determinants of Delisting and Liquidity in Indonesian Stock Market: A Time-Dependent Covariate of Survival Cox Approach. Matematika, 0, , 73-81.	0.0	2
68	MULTIVARIATE T2 CONTROL CHART BASED ON JAMES-STEIN AND SUCCESSIVE DIFFERENCE COVARIANCE MATRIX ESTIMATORS FOR INTRUSION DETECTION. Malaysian Journal of Science, 0, 38, 23-35.	0.2	2
69	MULTIVARIATE CUSUM CONTROL CHART BASED ON THE RESIDUALS OF MULTIOUTPUT LEAST SQUARES SVR FOR MONITORING WATER QUALITY. Malaysian Journal of Science, 0, 38, 73-83.	0.2	1
70	Logistic Regression Ensemble (LORENS) Applied to Drug Discovery. Matematika, 0, , 43-49.	0.0	2
71	Bayesian Mixture Poisson Regression for Modeling Spatial Point Pattern of Primary Health Centers in Surabaya. Matematika, 0, , 51-67.	0.0	0