Sukono F

List of Publications by Year
in descending order

87 papers	447 citations	8 h-index (1163117)	19 g-index (794594)
88 all docs	88 docs citations	88 times ranked	251 citing authors

#	ARTICLE	IF	CITATIONS
1	A 3-D Multi-Stable System With a Peanut-Shaped Equilibrium Curve: Circuit Design, FPGA Realization, and an Application to Image Encryption. IEEE Access, 2020, 8, 137116-137132.	4.2	115
2	A Novel Chaotic System with Two Circles of Equilibrium Points: Multistability, Electronic Circuit and FPGA Realization. Electronics (Switzerland), 2019, 8, 1211.	3.1	54
3	Mathematical Model and FPGA Realization of a Multi-Stable Chaotic Dynamical System with a Closed Butterfly-Like Curve of Equilibrium Points. Applied Sciences (Switzerland), 2021, 11, 788.	2.5	47
4	Dynamical analysis and adaptive fuzzy control for the fractional-order financial risk chaotic system. Advances in Difference Equations, 2020, 2020, .	3.5	25
5	Insurance as an Alternative for Sustainable Economic Recovery after Natural Disasters: A Systematic Literature Review. Sustainability, 2022, 14, 4349.	3.2	17
6	A new two-scroll chaotic attractor with three quadratic nonlinearities, its adaptive control and circuit design. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012010.	0.6	14
7	Multiple-Trigger Catastrophe Bond Pricing Model and Its Simulation Using Numerical Methods. Mathematics, 2022, 10, 1363.	2.2	11
8	Estimation of Maximum Potential Losses for Digital Banking Transaction Risks Using the Extreme Value-at-Risks Method. Risks, 2022, 10, 10.	2.4	10
9	Modeling of Mean-VaR portfolio optimization by risk tolerance when the utility function is quadratic. AIP Conference Proceedings, 2017, , .	0.4	9
10	Mean-variance portfolio optimization by using time series approaches based on logarithmic utility function. IOP Conference Series: Materials Science and Engineering, 2017, 166, 012003.	0.6	8
11	THE EFFECT OF GROSS DOMESTIC PRODUCT AND POPULATION GROWTH ON CO2 EMISSIONS IN INDONESIA: AN APPLICATION OF THE ANT COLONY OPTIMISATION ALGORITHM AND COBB-DOUGLAS MODEL. International Journal of Energy Economics and Policy, 2019, 9, 313-319.	1.2	8
12	Portfolio optimization by using linear programing models based on genetic algorithm. IOP Conference Series: Materials Science and Engineering, 2018, 300, 012001.	0.6	7
13	Analysis of stock investment selection based on CAPM using covariance and genetic algorithm approach. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012046.	0.6	7
14	Model estimation of claim risk and premium for motor vehicle insurance by using Bayesian method. IOP Conference Series: Materials Science and Engineering, 2018, 300, 012027.	0.6	6
15	Analysis of the Effect of Financial Literacy, Practicality, and Consumer Lifestyle on the Use of Chip-Based Electronic Money Using SEM. Sustainability, 2022, 14, 32.	3.2	6
16	Steepest descent method implementation on unconstrained optimization problem using C++ program. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012024.	0.6	5
17	Mapping in the Topic of Mathematical Model in Paddy Agricultural Insurance Based on Bibliometric Analysis: A Systematic Review Approach. Computation, 2022, 10, 50.	2.0	5
18	Estimating the Value-at-Risk for some stocks at the capital market in Indonesia based on ARMA-FIGARCH models. Journal of Physics: Conference Series, 2017, 909, 012040.	0.4	4

#	Article	IF	Citations
19	Estimation model of life insurance claims risk for cancer patients by using Bayesian method. IOP Conference Series: Materials Science and Engineering, 2017, 166, 012022.	0.6	4
20	A new chaotic attractor with two quadratic nonlinearities, its synchronization and circuit implementation. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012048.	0.6	4
21	Comparison between multiplicative Holt Winter and decomposition method in predicting the number of incoming international tourists to Indonesia. IOP Conference Series: Materials Science and Engineering, 0, 567, 012047.	0.6	4
22	A New 4-D Hyperchaotic System with Four-Scroll Hidden Attractor, Its Properties and Bifurcation Analysis. IOP Conference Series: Materials Science and Engineering, 2019, 621, 012014.	0.6	4
23	Mitigation and models for determining premiums for natural disaster insurance due to excessive rainfall. Journal of Physics: Conference Series, 2021, 1722, 012058.	0.4	4
24	ESTIMATION OF OUTSTANDING CLAIMS RESERVING BASED ON INFLATION RISK ON CAR INSURANCE COMPANIES BY USING THE BOOTSTRAP METHOD. Far East Journal of Mathematical Sciences, 2017, 102, 687-706.	0.0	4
25	A design of mathematical modelling for the mudharabah scheme in shariah insurance. IOP Conference Series: Materials Science and Engineering, 2017, 166, 012015.	0.6	3
26	Mean-Variance portfolio optimization by using non constant mean and volatility based on the negative exponential utility function. AIP Conference Proceedings, 2017, , .	0.4	3
27	Modelling of capital asset pricing by considering the lagged effects. IOP Conference Series: Materials Science and Engineering, 2017, 166, 012001.	0.6	3
28	Risk adjustment model of credit life insurance using a genetic algorithm. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012007.	0.6	3
29	Software process models: a review and analysis. International Journal of Engineering and Technology(UAE), 2018, 7, 325.	0.3	3
30	Demand analysis of flood insurance by using logistic regression model and genetic algorithm. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012053.	0.6	3
31	A Comparative Study of Simulated Annealing and Genetic Algorithm Method in Bayesian Framework to the 2D-Gravity Data Inversion. Journal of Physics: Conference Series, 2019, 1204, 012079.	0.4	3
32	A new 3-D chaotic system with four quadratic nonlinear terms, its global chaos control via passive control method and circuit design. IOP Conference Series: Materials Science and Engineering, 2019, 621, 012013.	0.6	3
33	Electronic Circuit Design of a Novel Chaotic System with Apple-Shaped Curve Equilibrium and Multiple Coexisting Attractors. Journal of Physics: Conference Series, 2020, 1477, 022015.	0.4	3
34	A novel chaotic system with a closed curve of four quarter-circles of equilibrium points: dynamics, active backstepping control, and electronic circuit implementation. , 2021, , 485-507.		3
35	Nonlinear Diophantine equation $11x + 13y = z^2$. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012004.	0.6	2
36	Strengthening economy through tourism sector by tourist arrival prediction. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012005.	0.6	2

#	ARTICLE	IF	CITATIONS
37	The <i>Hybrid</i> Model Algorithm on Sharia Insurance. Journal of Physics: Conference Series, 2018, 1090, 012080.	0.4	2
38	The application of genetic algorithm optimization on quadratic investment portfolio without a risk-free asset under Value-at-Risk. Journal of Physics: Conference Series, 2018, 1090, 012026.	0.4	2
39	Enterprise Architecture Planning as New Generation Cooperatives Research Methods. Journal of Physics: Conference Series, 2019, 1179, 012094.	0.4	2
40	Optimization of the mean-absolute deviation portfolio investment in some mining stocks using the singular covariance matrix method. Journal of Physics: Conference Series, 2019, 1315, 012002.	0.4	2
41	Modeling and analysis of CO_2 emissions in million tons of sectoral greenhouse gases in Indonesia. IOP Conference Series: Materials Science and Engineering, 0, 621, 012020.	0.6	2
42	A novel 3-D chaotic system with line equilibrium: dynamical analysis, coexisting attractors, offset boosting control and circuit design. IOP Conference Series: Materials Science and Engineering, 2019, 567, 012009.	0.6	2
43	Identifying Unwanted Conditions through Chaotic Area Determination in the Context of Indonesiaâ€™s Economic Resilience at the City Level. Sustainability, 2021, 13, 5183.	3.2	2
44	Credit scoring for cooperative of financial services using logistic regression estimated by genetic algorithm. Applied Mathematical Sciences, 0, 8, 45-57.	0.1	2
45	A NEW MODIFICATION OF NPRP CONJUGATE GRADIENT METHOD FOR UNCONSTRAINED OPTIMIZATION. Advances in Mathematics: Scientific Journal (discontinued), 2020, 9, 4955-4970.	0.2	2
46	Supply and demand analysis for flood insurance by using logistic regression model: case study at Citarum watershed in South Bandung, West Java, Indonesia. IOP Conference Series: Materials Science and Engineering, 2017, 166, 012002.	0.6	1
47	A comparative study of three pillars system and banking methods in accounting long-term purposes of retiree in Indonesian saving account. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012017.	0.6	1
48	Optimization of hybrid model on hajj travel. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012042.	0.6	1
49	Modelling the contribution of CO_2 emissions from fuel used on total CO_2 emissions at power generation in Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 311, 012079.	0.3	1
50	The convergence properties of new hybrid conjugate gradient method. IOP Conference Series: Materials Science and Engineering, 2019, 567, 012031.	0.6	1
51	New class of hybrid conjugate gradient coefficients with guaranteed descent and efficient line search. IOP Conference Series: Materials Science and Engineering, 2019, 621, 012021.	0.6	1
52	Determining the premium of paddy insurance using the extreme value theory method and the operational value at risk approach. Journal of Physics: Conference Series, 2021, 1722, 012059.	0.4	1
53	Forecasting Model of Gross Regional Domestic Product (GRDP) Using Backpropagation of Levenberg-Marguardt Method. Industrial Engineering and Management Systems, 2019, 18, 530-540.	0.4	1
54	A hyperchaotic hyperjerk system with four nonlinearities, its dynamical analysis and circuit realization. IOP Conference Series: Materials Science and Engineering, 0, 567, 012012.	0.6	1

#	Article	IF	Citations
55	Pricing of Premium for Automobile Insurance using Bayesian Method. International Journal of Recent Technology and Engineering, 2019, 8, 6226-6229.	0.2	1
56	Mean-Var Investment Portfolio Optimization Under Capital Asset Pricing Model (CAPM) with Nerlove Transformation: An Empirical Study Using Time Series Approach. Industrial Engineering and Management Systems, 2020, 19, 498-509.	0.4	1
57	FOREWORD: IORA International Conference on Operations Research 2016. IOP Conference Series: Materials Science and Engineering, 2017, 166, 011001.	0.6	0
58	Countries population determination to test rice crisis indicator at national level using k-means cluster analysis. IOP Conference Series: Materials Science and Engineering, 2017, 166, 012023.	0.6	0
59	Numerical Simulation on Solving Three-Dimensional Global Optimization Problems in cooperation of Filled Function and Search Direction. Journal of Physics: Conference Series, 2018, 1090, 012064.	0.4	0
60	Estimated value of insurance premium due to Citarum River flood by using Bayesian method. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012047.	0.6	0
61	The application of fractional derivatives through Riemannliouville approach to xanthan gum viscoelasticity. International Journal of Engineering and Technology(UAE), 2018, 7, 2633.	0.3	0
62	A spatial model for a stream networks of Citarik River with the environmental variables: potential of hydrogen (PH) and temperature. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012002.	0.6	0
63	Solving Unconstrained Global Optimization Problem Using Parameter Free Filled Function in Cooperation with Jameson Gradient Based Method. Journal of Physics: Conference Series, 2018, 1090, 012023.	0.4	0
64	Modeling of the impact of GDP and human population on CO_2 emission by using Cobb-Douglas model and particle swarm optimization. IOP Conference Series: Earth and Environmental Science, 2019, 311, 012080.	0.3	0
65	Estimation of Beta-Adjusted Parameters in Capital Asset Pricing Model under Non-Constant Volatility. Journal of Physics: Conference Series, 2019, 1179, 012004.	0.4	0
66	Carrying Javanese Local Wisdom In Mathematical Model. Journal of Physics: Conference Series, 2019, 1179, 012005.	0.4	0
67	Integration Model Table as an Alternative Presentation of Summary of Illustration Sharia Insurance. Journal of Physics: Conference Series, 2019, 1179, 012007.	0.4	0
68	Measuring of the Population Happiness Index of Bandung City. Journal of Physics: Conference Series, 2019, 1179, 012158.	0.4	0
69	Spider Plot Model for Analysis of Individual Appraisal Performance Towards Career Planning in Organizations. Journal of Physics: Conference Series, 2019, 1179, 012162.	0.4	0
70	Expansion of the investment portfolio performance assessment model based on value-at-risk using a time series approach. IOP Conference Series: Materials Science and Engineering, 2019, 567, 012015.	0.6	0
71	Determination of optimal insurance company reimbursement by using exponential utility functions. IOP Conference Series: Materials Science and Engineering, 2019, 567, 012038.	0.6	0
72	Comparative analysis of inline quality control system process capability with offline lab QC against product specification by MSPC method. IOP Conference Series: Materials Science and Engineering, 2019, 621, 012016.	0.6	0

#	Article	IF	Citations
73	Modeling the impacts of constant price GDP and population on CO_2 emissions using Cobb-Douglas model and ant colony optimization algorithm. IOP Conference Series: Materials Science and Engineering, 2019, 621, 012015.	0.6	0
74	A new 4-D hyperchaotic hyperjerk system with a single equilibrium, its dynamic properties and circuit design. IOP Conference Series: Materials Science and Engineering, 2019, 621, 012012.	0.6	0
75	Linear Algebra on investment portfolio optimization model. Journal of Physics: Conference Series, 2019, 1402, 077089.	0.4	0
76	Comparison of quadratic investment portfolio on five stocks of mining companies with risk free assets and without risk free assets. Journal of Physics: Conference Series, 2021, 1722, 012069.	0.4	0
77	Objective Method for Determining the Importance of Unprecedented Restlessness as a Rice Crisis Indicator at the National Level. Agronomy, 2021, 11, 1195.	3.0	0
78	Forecasting framework of rice crises time in Bandung-Indonesia. Applied Mathematical Sciences, 0, 7, 6125-6140.	0.1	0
79	Collective Value-At-Risk (Colvar) In Life Insurance Collection. International Journal of Engineering and Technology(UAE), 2018, 7, 25.	0.3	0
80	Portfolio Optimization of the Mean-Absolute Deviation Model of Some Stocks using the Singular Covariance Matrix. International Journal of Recent Technology and Engineering, 2019, 8, 7818-7822.	0.2	0
81	Kelly's Strategy Analysis in Optimizing Investment Portfolios in Foreign Exchange. International Journal of Recent Technology and Engineering, 2019, 8, 245-250.	0.2	0
82	Model of Rice Farm Insurance to Reduce Losses Due to Harvest Failure. International Journal of Recent Technology and Engineering, 2019, 8, 231-236.	0.2	0
83	Value-at-Risk and Minimum Variance in the Investment Portfolio with Non Constant Volatility. International Journal of Recent Technology and Engineering, 2019, 8, 197-202.	0.2	0
84	Vector Autoregressive (VAR) Model for Rain-Fall Forecasting in West Java Indonesia at the Peak of the Rainy Season. International Journal of Recent Technology and Engineering, 2019, 8, 216-223.	0.2	0
85	Numerical Comparison of some Crossover in Genetic Algorithm for Two Dimensional Global Minimization Problem using C++. IOP Conference Series: Materials Science and Engineering, 2019, 621, 012018.	0.6	0
86	A new spectral conjugate gradient method with descent condition and global convergence property for unconstrained optimization. Journal of Mathematical and Computational Science (discontinued), 0, , .	0.0	0
87	A New Method to Estimate Parameters in the Simple Regression Linear Equation. Mathematics and Statistics, 2020, 8, 75-81.	0.4	0