Sukono F

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	Estimation of Maximum Potential Losses for Digital Banking Transaction Risks Using the Extreme Value-at-Risks Method. Risks, 2022, 10, 10.	2.4	10
2	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
3	Insurance as an Alternative for Sustainable Economic Recovery after Natural Disasters: A Systematic Literature Review. Sustainability, 2022, 14, 4349.	3.2	17
4	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
5	Multiple-Trigger Catastrophe Bond Pricing Model and Its Simulation Using Numerical Methods. Mathematics, 2022, 10, 1363.	2.2	11
6	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
7	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
8	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
9	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
10	Identifying Unwanted Conditions through Chaotic Area Determination in the Context of Indonesia's Economic Resilience at the City Level. Sustainability, 2021, 13, 5183.	3.2	2
11	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
12	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
13	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
14	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
15	Dynamical analysis and adaptive fuzzy control for the fractional-order financial risk chaotic system. Advances in Difference Equations, 2020, 2020, .	3.5	25
16	A NEW MODIFICATION OF NPRP CONJUGATE GRADIENT METHOD FOR UNCONSTRAINED OPTIMIZATION. Advances in Mathematics: Scientific Journal (discontinued), 2020, 9, 4955-4970.	0.2	2
17	A New Method to Estimate Parameters in the Simple Regression Linear Equation. Mathematics and Statistics, 2020, 8, 75-81.	0.4	0
18	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

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19	Modeling of the impact of GDP and human population on CO2 emission by using Cobb-Douglas model and particle swarm optimization. IOP Conference Series: Earth and Environmental Science, 2019, 311, 012080.	0.3	0
20	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
21	Carrying Javanese Local Wisdom In Mathematical Model. Journal of Physics: Conference Series, 2019, 1179, 012005.	0.4	0
22	Integration Model Table as an Alternative Presentation of Summary of Illustration Sharia Insurance. Journal of Physics: Conference Series, 2019, 1179, 012007.	0.4	0
23	Enterprise Architecture Planning as New Generation Cooperatives Research Methods. Journal of Physics: Conference Series, 2019, 1179, 012094.	0.4	2
24	Measuring of the Population Happiness Index of Bandung City. Journal of Physics: Conference Series, 2019, 1179, 012158.	0.4	0
25	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
26	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
27	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
28	A Novel Chaotic System with Two Circles of Equilibrium Points: Multistability, Electronic Circuit and FPGA Realization. Electronics (Switzerland), 2019, 8, 1211.	3.1	54
29	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
30	Modelling the contribution of CO2 emissions from fuel used on total CO2 emissions at power generation in Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 311, 012079.	0.3	1
31	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
32	Determination of optimal insurance company reimbursement by using exponential utility functions. IOP Conference Series: Materials Science and Engineering, 2019, 567, 012038.	0.6	0
33	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
34	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
35	Modeling the impacts of constant price GDP and population on CO2 emissions using Cobb-Douglas model and ant colony optimization algorithm. IOP Conference Series: Materials Science and Engineering, 2019, 621, 012015.	0.6	0
36	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

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37	The convergence properties of new hybrid conjugate gradient method. IOP Conference Series: Materials Science and Engineering, 2019, 567, 012031.	0.6	1
38	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
39	Linear Algebra on investment portfolio optimization model. Journal of Physics: Conference Series, 2019, 1402, 077089.	0.4	0
40	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
41	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
42	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
43	Pricing of Premium for Automobile Insurance using Bayesian Method. International Journal of Recent Technology and Engineering, 2019, 8, 6226-6229.	0.2	1
44	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
45	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
46	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
47	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
48	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
49	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
50	Risk adjustment model of credit life insurance using a genetic algorithm. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012007.	0.6	3
51	Steepest descent method implementation on unconstrained optimization problem using C++ program. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012024.	0.6	5
52	Nonlinear Diophantine equation $11x + 13y = z^2$. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012004.	0.6	2
53	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
54	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

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55	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
56	Software process models: a review and analysis. International Journal of Engineering and Technology(UAE), 2018, 7, 325.	0.3	3
57	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
58	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
59	Strengthening economy through tourism sector by tourist arrival prediction. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012005.	0.6	2
60	The <i>Hybrid</i> Model Algorithm on Sharia Insurance. Journal of Physics: Conference Series, 2018, 1090, 012080.	0.4	2
61	Optimization of hybrid model on hajj travel. IOP Conference Series: Materials Science and Engineering, 2018, 332, 012042.	0.6	1
62	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
63	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
64	Portfolio optimization by using linear programing models based on genetic algorithm. IOP Conference Series: Materials Science and Engineering, 2018, 300, 012001.	0.6	7
65	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
66	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
67	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
68	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
69	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
70	Collective Value-At-Risk (Colvar) In Life Insurance Collection. International Journal of Engineering and Technology(UAE), 2018, 7, 25.	0.3	0
71	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
72	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

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73	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
74	Modeling of Mean-VaR portfolio optimization by risk tolerance when the utility function is quadratic. AIP Conference Proceedings, 2017, , .	0.4	9
75	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
76	FOREWORD: IORA International Conference on Operations Research 2016. IOP Conference Series: Materials Science and Engineering, 2017, 166, 011001.	0.6	0
77	Modelling of capital asset pricing by considering the lagged effects. IOP Conference Series: Materials Science and Engineering, 2017, 166, 012001.	0.6	3
78	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
79	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
80	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
81	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
82	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
83	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
84	Credit scoring for cooperative of financial services using logistic regression estimated by genetic algorithm. Applied Mathematical Sciences, 0, 8, 45-57.	0.1	2
85	Forecasting framework of rice crises time in Bandung-Indonesia. Applied Mathematical Sciences, 0, 7, 6125-6140.	0.1	0
86	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
87	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