

Okan Duru

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

940
citations

471509

17
h-index

526287

27
g-index

77
all docs

77
docs citations

77
times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	Reducing emissions of atmospheric pollutants along major dry bulk and tanker routes through autonomous shipping. <i>Journal of Environmental Management</i> , 2022, 302, 114080.	7.8	3
2	A multi-method forecasting algorithm: Linear unbiased estimation of combine forecast. <i>Knowledge-Based Systems</i> , 2022, 239, 107990.	7.1	1
3	Newbuilding ship price forecasting by parsimonious intelligent model search engine. <i>Expert Systems With Applications</i> , 2022, 201, 117119.	7.6	5
4	Assessment of atmospheric pollutant emissions with maritime energy strategies using bayesian simulations and time series forecasting. <i>Environmental Pollution</i> , 2021, 270, 116068.	7.5	14
5	Rise, Fall, and Recovery of Blockchains in the Maritime Technology Space. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 266.	2.6	11
6	Time series forecasting based on echo state network and empirical wavelet transformation. <i>Applied Soft Computing Journal</i> , 2021, 102, 107111.	7.2	44
7	System Dynamics in the Predictive Analytics of Container Freight Rates. <i>Transportation Science</i> , 2021, 55, 946-967.	4.4	9
8	High-dimensional lag structure optimization of fuzzy time series. <i>Expert Systems With Applications</i> , 2021, 173, 114698.	7.6	12
9	Predictability of second-hand bulk carriers with a novel hybrid algorithm. <i>Asian Journal of Shipping and Logistics</i> , 2021, 37, 291-291.	3.4	2
10	Abatement of atmospheric pollutant emissions with autonomous shipping in maritime transportation using Bayesian probabilistic forecasting. <i>Atmospheric Environment</i> , 2021, 261, 118593.	4.1	3
11	Predictability of the Physical Shipping Market by Freight Derivatives. <i>IEEE Transactions on Engineering Management</i> , 2021, , 1-13.	3.5	3
12	An econophysics approach to forecast bulk shipbuilding orderbook: an application of Newton's law of gravitation. <i>Maritime Business Review</i> , 2021, 6, 234-255.	1.8	3
13	Spectral analysis of the dry bulk shipping market by utilizing the system dynamics approach. <i>Maritime Business Review</i> , 2021, ahead-of-print, .	1.8	0
14	Valuation mismatch and shipping q indicator for shipping asset management. <i>Maritime Policy and Management</i> , 2020, 47, 109-126.	3.8	3
15	Modelling cyclic container freight index using system dynamics. <i>Maritime Policy and Management</i> , 2020, 47, 287-303.	3.8	15
16	Assessment of relative fuel cost for dual fuel marine engines along major Asian container shipping routes. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 140, 102004.	7.4	15
17	Hybrid modeling in the predictive analytics of energy systems and prices. <i>Applied Energy</i> , 2020, 268, 114985.	10.1	14
18	Developing a comprehensive approach to port performance assessment. <i>Asian Journal of Shipping and Logistics</i> , 2020, 36, 169-180.	3.4	17

#	ARTICLE	IF	CITATIONS
19	Bayesian probabilistic forecasting for ship emissions. Atmospheric Environment, 2020, 231, 117540.	4.1	14
20	Parsimonious fuzzy time series modelling. Expert Systems With Applications, 2020, 156, 113447.	7.6	25
21	Cruise port centrality and spatial patterns of cruise shipping in the Asian market. Maritime Policy and Management, 2019, 46, 257-276.	3.8	37
22	Service quality evaluation of international freight forwarders: an empirical research in East Asia. Journal of Shipping and Trade, 2019, 4, .	1.9	6
23	“Maritime transport in regional context, governance and environmental phenomenon”™. Maritime Policy and Management, 2019, 46, 1-3.	3.8	6
24	A multidimensional QFD design for the service quality assessment of Kansai International Airport, Japan. Total Quality Management and Business Excellence, 2018, 29, 202-224.	3.8	23
25	Combinations in predictive analytics by using machine learning. , 2018, , .		1
26	Computational Intelligence in Finance and Economics [Guest Editorial]. IEEE Computational Intelligence Magazine, 2018, 13, 13-13.	3.2	2
27	Governing Dynamics of Crude Oil and LNG Prices. , 2018, , .		0
28	Maritime Transport Quality in the Evolving World Trade. Asian Journal of Shipping and Logistics, 2018, 34, 51-52.	3.4	2
29	Predictive analytics of crude oil prices by utilizing the intelligent model search engine. Applied Energy, 2018, 228, 2387-2397.	10.1	19
30	Analytic Hierarchy Process (AHP) in Maritime Logistics: Theory, Application and Fuzzy Set Integration. Profiles in Operations Research, 2018, , 31-78.	0.4	6
31	Heuristic estimation of container stacking and reshuffling operations under the containership delay factor and mega-ship challenge. Maritime Policy and Management, 2017, 44, 373-391.	3.8	26
32	U.S. tanker transport: Current structure and economic analysis. Research in Transportation Business and Management, 2017, 25, 39-50.	2.9	10
33	Port governance in Turkey. Research in Transportation Business and Management, 2017, 22, 214-223.	2.9	15
34	On the Causal Models of Fuzzy Time Series. Advances in Business and Management Forecasting, 2017, , 137-153.	1.1	0
35	Modeling and Forecasting with Fuzzy Time Series and Artificial Neural Networks. Advances in Business and Management Forecasting, 2017, , 155-180.	1.1	1
36	Performance obligations for “revenue from contracts with customers” principle in the shipping industry. Maritime Business Review, 2017, 2, 211-223.	1.8	1

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37	The Origin and Consistency of the Tonâ€‘Mile Metric in the Shipping Economics. Logistics, 2017, 1, 3.	4.3	2
38	Stationarity control in the fuzzy time series and neural network algorithms. , 2016, , .		2
39	Motivations behind irrationality in the shipping asset management. Maritime Business Review, 2016, 1, 163-184.	1.8	4
40	Multi-dimensional service improvement under the multi-customer nature of container terminals. International Journal of Shipping and Transport Logistics, 2016, 8, 194.	0.5	7
41	Service quality assessment in liner shipping industry: an empirical study on Asian shipping case. International Journal of Shipping and Transport Logistics, 2015, 7, 221.	0.5	21
42	Rotational priority investigation in fuzzy analytic hierarchy process design: An empirical study on the marine engine selection problem. Applied Mathematical Modelling, 2015, 39, 913-923.	4.2	25
43	Governance in the Maritime Industry. Asian Journal of Shipping and Logistics, 2014, 30, 269-271.	3.4	1
44	Irrationality in Politics and Governance of Maritime Affairs: The Collapse of Sovereign Maritime Governance. International Journal of E-Navigation and Maritime Economy, 2014, 1, 48-59.	1.2	6
45	A non-linear clustering method for fuzzy time series: Histogram damping partition under the optimized cluster paradox. Applied Soft Computing Journal, 2014, 24, 742-748.	7.2	24
46	Multi-layer quality function deployment (QFD) approach for improving the compromised quality satisfaction under the agency problem: A 3D QFD design for the asset selection problem in the shipping industry. Quality and Quantity, 2013, 47, 2259-2280.	3.7	24
47	Irrational Exuberance, Overconfidence and Short-Termism: Knowledge-to-Action Asymmetry in Shipping Asset Management. Asian Journal of Shipping and Logistics, 2013, 29, 43-58.	3.4	21
48	Market entry, asset returns, and irrational exuberance: asset management anomalies in dry cargo shipping. International Journal of Shipping and Transport Logistics, 2013, 5, 652.	0.5	15
49	The Role of Predictions in Transport Policy Making and the Forecasting Profession: Misconceptions, Illusions and Cognitive Bias. SSRN Electronic Journal, 2013, , .	0.4	2
50	Performance assessment for liner shipping industry: a multi-attribute analysis by the balanced scorecard (BSC). Journal of International Logistics and Trade, 2013, 11, 3-28.	0.9	1
51	A fuzzy integrated logical forecasting (FILF) model of time charter rates in dry bulk shipping: A vector autoregressive design of fuzzy time series with fuzzy c-means clustering. Maritime Economics and Logistics, 2012, 14, 300-318.	4.0	20
52	Modeling principles in fuzzy time series forecasting. , 2012, , .		4
53	Exponential length of intervals for fuzzy time series forecasting. , 2012, , .		1
54	A fuzzy extended DELPHI method for adjustment of statistical time series prediction: An empirical study on dry bulk freight market case. Expert Systems With Applications, 2012, 39, 840-848.	7.6	57

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55	Use of consistency index, expert prioritization and direct numerical inputs for generic fuzzy-AHP modeling: A process model for shipping asset management. Expert Systems With Applications, 2012, 39, 1911-1923.	7.6	102
56	A multivariate model of fuzzy integrated logical forecasting method (M-FILF) and multiplicative time series clustering: A model of time-varying volatility for dry cargo freight market. Expert Systems With Applications, 2012, 39, 4135-4142.	7.6	25
57	Regime switching fuzzy AHP model for choice-varying priorities problem and expert consistency prioritization: A cubic fuzzy-priority matrix design. Expert Systems With Applications, 2012, 39, 4954-4964.	7.6	52
58	Service Quality Evaluation of International Logistics Company: An Empirical Case Using QFD Approach. Journal of International Logistics and Trade, 2012, 10, 31-54.	0.9	1
59	SERVICE QUALITY EVALUATION OF INTERNATIONAL LOGISTICS COMPANY: AN EMPIRICAL CASE USING QFD APPROACH. Journal of International Logistics and Trade, 2012, 10, 31-54.	0.9	0
60	Long Term Freight Market Index and Inferences. Asian Journal of Shipping and Logistics, 2011, 27, 405-421.	3.4	15
61	A fuzzy integrated logical forecasting model for dry bulk shipping index forecasting: An improved fuzzy time series approach. Expert Systems With Applications, 2010, 37, 5372-5380.	7.6	67
62	Multi-attribute analysis of ship investments under technical terms: a fuzzy extended TOPSIS approach. , 2010, , .		3
63	Cognitive model of dry bulk carrier investment decision by utilizing Analytic Hierarchy Process. , 2010, , .		3
64	Fuzzy extended group consensus of judgmental adjustments on statistical forecasts. , 2010, , .		1
65	Bivariate Long Term Fuzzy Time Series Forecasting of Dry Cargo Freight Rates. Asian Journal of Shipping and Logistics, 2010, 26, 205-223.	3.4	23
66	Multi-Attribute Decision Making for Crew Nationality Pattern Selection in the Shipping Business: An Empirical Study for Turkish Shipping Case. Asian Journal of Shipping and Logistics, 2010, 26, 139-152.	3.4	7
67	Judgmental Forecasting in the Dry Bulk Shipping Business: Statistical vs. Judgmental Approach. Asian Journal of Shipping and Logistics, 2009, 25, 189-217.	3.4	17
68	Shipping Performance Assessment and the Role of Key Performance Indicators (KPIs): 'Quality Function Deployment' for Transforming Shipowner's Expectation. SSRN Electronic Journal, 0, , .	0.4	8
69	Delphi Forecasting for Shipping Industry and Technology: Performance and Validity. SSRN Electronic Journal, 0, , .	0.4	1
70	Shipping Business Unwrapped. , 0, , .		6