Okan Duru

List of Publications by Year
in descending order

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	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
2	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
3	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
4	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
5	Time series forecasting based on echo state network and empirical wavelet transformation. Applied Soft Computing Journal, 2021, 102, 107111.	7.2	44
6	Cruise port centrality and spatial patterns of cruise shipping in the Asian market. Maritime Policy and Management, 2019, 46, 257-276.	3.8	37
7	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
8	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
9	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
10	Parsimonious fuzzy time series modelling. Expert Systems With Applications, 2020, 156, 113447.	7.6	25
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Predictive analytics of crude oil prices by utilizing the intelligent model search engine. Applied Energy, 2018, 228, 2387-2397.	10.1	19

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19	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
20	Developing a comprehensive approach to port performance assessment. Asian Journal of Shipping and Logistics, 2020, 36, 169-180.	3.4	17
21	Long Term Freight Market Index and Inferences. Asian Journal of Shipping and Logistics, 2011, 27, 405-421.	3.4	15
22	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
23	Port governance in Turkey. Research in Transportation Business and Management, 2017, 22, 214-223.	2.9	15
24	Modelling cyclic container freight index using system dynamics. Maritime Policy and Management, 2020, 47, 287-303.	3.8	15
25	Assessment of relative fuel cost for dual fuel marine engines along major Asian container shipping routes. Transportation Research, Part E: Logistics and Transportation Review, 2020, 140, 102004.	7.4	15
26	Hybrid modeling in the predictive analytics of energy systems and prices. Applied Energy, 2020, 268, 114985.	10.1	14
27	Bayesian probabilistic forecasting for ship emissions. Atmospheric Environment, 2020, 231, 117540.	4.1	14
28	Assessment of atmospheric pollutant emissions with maritime energy strategies using bayesian simulations and time series forecasting. Environmental Pollution, 2021, 270, 116068.	7.5	14
29	High-dimensional lag structure optimization of fuzzy time series. Expert Systems With Applications, 2021, 173, 114698.	7.6	12
30	Rise, Fall, and Recovery of Blockchains in the Maritime Technology Space. Journal of Marine Science and Engineering, 2021, 9, 266.	2.6	11
31	U.S. tanker transport: Current structure and economic analysis. Research in Transportation Business and Management, 2017, 25, 39-50.	2.9	10
32	System Dynamics in the Predictive Analytics of Container Freight Rates. Transportation Science, 2021, 55, 946-967.	4.4	9
33	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
34	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
35	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
36	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

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37	Service quality evaluation of international freight forwarders: an empirical research in East Asia. Journal of Shipping and Trade, 2019, 4, .	1.9	6
38	â€˜Maritime transport in regional context, governance and environmental phenomenonâ€™. Maritime Policy and Management, 2019, 46, 1-3.	3.8	6
39	Analytic Hierarchy Process (AHP) in Maritime Logistics: Theory, Application and Fuzzy Set Integration. Profiles in Operations Research, 2018, , 31-78.	0.4	6
40	Shipping Business Unwrapped. , 0, , .		6
41	Newbuilding ship price forecasting by parsimonious intelligent model search engine. Expert Systems With Applications, 2022, 201, 117119.	7.6	5
42	Modeling principles in fuzzy time series forecasting. , 2012, , .		4
43	Motivations behind irrationality in the shipping asset management. Maritime Business Review, 2016, 1, 163-184.	1.8	4
44	Multi-attribute analysis of ship investments under technical terms: a fuzzy extended TOPSIS approach. , 2010, , .		3
45	Cognitive model of dry bulk carrier investment decision by utilizing Analytic Hierarchy Process. , 2010, , .		3
46	Valuation mismatch and shipping q indicator for shipping asset management. Maritime Policy and Management, 2020, 47, 109-126.	3.8	3
47	Abatement of atmospheric pollutant emissions with autonomous shipping in maritime transportation using Bayesian probabilistic forecasting. Atmospheric Environment, 2021, 261, 118593.	4.1	3
48	Predictability of the Physical Shipping Market by Freight Derivatives. IEEE Transactions on Engineering Management, 2021, , 1-13.	3.5	3
49	An econophysics approach to forecast bulk shipbuilding orderbook: an application of Newtonâ€™s law of gravitation. Maritime Business Review, 2021, 6, 234-255.	1.8	3
50	Reducing emissions of atmospheric pollutants along major dry bulk and tanker routes through autonomous shipping. Journal of Environmental Management, 2022, 302, 114080.	7.8	3
51	The Role of Predictions in Transport Policy Making and the Forecasting Profession: Misconceptions, Illusions and Cognitive Bias. SSRN Electronic Journal, 2013, , .	0.4	2
52	Stationarity control in the fuzzy time series and neural network algorithms. , 2016, , .		2
53	The Origin and Consistency of the Tonâ€“Mile Metric in the Shipping Economics. Logistics, 2017, 1, 3.	4.3	2
54	Computational Intelligence in Finance and Economics [Guest Editorial]. IEEE Computational Intelligence Magazine, 2018, 13, 13-13.	3.2	2

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55	Maritime Transport Quality in the Evolving World Trade. Asian Journal of Shipping and Logistics, 2018, 34, 51-52.	3.4	2
56	Predictability of second-hand bulk carriers with a novel hybrid algorithm. Asian Journal of Shipping and Logistics, 2021, 37, 291-291.	3.4	2
57	Fuzzy extended group consensus of judgmental adjustments on statistical forecasts. , 2010, , .		1
58	Exponential length of intervals for fuzzy time series forecasting. , 2012, , .		1
59	Governance in the Maritime Industry. Asian Journal of Shipping and Logistics, 2014, 30, 269-271.	3.4	1
60	Modeling and Forecasting with Fuzzy Time Series and Artificial Neural Networks. Advances in Business and Management Forecasting, 2017, , 155-180.	1.1	1
61	Performance obligations for â€œ‹i›revenue from contracts with customers‹/i›â€•principle in the shipping industry. Maritime Business Review, 2017, 2, 211-223.	1.8	1
62	Combinations in predictive analytics by using machine learning. , 2018, , .		1
63	Delphi Forecasting for Shipping Industry and Technology: Performance and Validity. SSRN Electronic Journal, 0, , .	0.4	1
64	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
65	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
66	A multi-method forecasting algorithm: Linear unbiased estimation of combine forecast. Knowledge-Based Systems, 2022, 239, 107990.	7.1	1
67	On the Causal Models of Fuzzy Time Series. Advances in Business and Management Forecasting, 2017, , 137-153.	1.1	0
68	Governing Dynamics of Crude Oil and LNG Prices. , 2018, , .		0
69	Spectral analysis of the dry bulk shipping market by utilizing the system dynamics approach. Maritime Business Review, 2021, ahead-of-print, .	1.8	0
70	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