

Cagatay Iris

List of Publications by Year in descending order

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68
papers

3,088
citations

159358

30
h-index

161609

54
g-index

71
all docs

71
docs citations

71
times ranked

2095
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of energy efficiency in ports: Operational strategies, technologies and energy management systems. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 112, 170-182.	8.2	293
2	A review of China's municipal solid waste (MSW) and comparison with international regions: Management and technologies in treatment and resource utilization. <i>Journal of Cleaner Production</i> , 2021, 293, 126144.	4.6	289
3	The Greening of Ports: A Comparison of Port Management Tools Used by Leading Ports in Asia and Europe. <i>Transport Reviews</i> , 2014, 34, 169-189.	4.7	243
4	Integrated Berth Allocation and Quay Crane Assignment Problem: Set partitioning models and computational results. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015, 81, 75-97.	3.7	134
5	The multi-port berth allocation problem with speed optimization and emission considerations. <i>Transportation Research, Part D: Transport and Environment</i> , 2017, 54, 142-159.	3.2	134
6	Optimal energy management and operations planning in seaports with smart grid while harnessing renewable energy under uncertainty. <i>Omega</i> , 2021, 103, 102445.	3.6	105
7	Improved formulations and an Adaptive Large Neighborhood Search heuristic for the integrated berth allocation and quay crane assignment problem. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017, 105, 123-147.	3.7	102
8	Cooperation or competition? Factors and conditions affecting regional port governance in South China. <i>Maritime Economics and Logistics</i> , 2012, 14, 386-408.	2.0	94
9	Modeling the Impacts of Tides and the Virtual Arrival Policy in Berth Allocation. <i>Transportation Science</i> , 2015, 49, 939-956.	2.6	94
10	Recoverable robustness in weekly berth and quay crane planning. <i>Transportation Research Part B: Methodological</i> , 2019, 122, 365-389.	2.8	89
11	Process characterisation of 3D-printed FDM components using improved evolutionary computational approach. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 78, 781-793.	1.5	87
12	Flexible ship loading problem with transfer vehicle assignment and scheduling. <i>Transportation Research Part B: Methodological</i> , 2018, 111, 113-134.	2.8	78
13	Disruption risks and mitigation strategies: an analysis of Asian ports. <i>Maritime Policy and Management</i> , 2015, 42, 415-435.	1.9	73
14	Maritime cluster evolution based on symbiosis theory and Lotka's "Volterra model. <i>Maritime Policy and Management</i> , 2013, 40, 161-176.	1.9	67
15	Scenario analysis for supply chain integration in container shipping. <i>Maritime Policy and Management</i> , 2011, 38, 705-725.	1.9	64
16	Risk assessment framework for exposure of cargo and ports to natural hazards and climate extremes. <i>Maritime Policy and Management</i> , 2017, 44, 1-15.	1.9	64
17	Blockchain adoptions in the maritime industry: a conceptual framework. <i>Maritime Policy and Management</i> , 2021, 48, 777-794.	1.9	56
18	Container port competition and complementarity in supply chain systems: Evidence from the Pearl River Delta. <i>Maritime Economics and Logistics</i> , 2011, 13, 102-120.	2.0	54

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19	A new computational intelligence approach in formulation of functional relationship of open porosity of the additive manufacturing process. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 80, 555-565.	1.5	54
20	Robust model design for evaluation of power characteristics of the cleaner energy system. <i>Renewable Energy</i> , 2017, 112, 302-313.	4.3	53
21	Sustainability and interactivity between cities and ports: a two-stage data envelopment analysis (DEA) approach. <i>Maritime Policy and Management</i> , 2018, 45, 944-961.	1.9	48
22	Competition for transshipment containers by major ports in Southeast Asia: slot capacity analysis. <i>Maritime Policy and Management</i> , 2008, 35, 89-101.	1.9	40
23	A Stakeholder Perspective of Port City Sustainable Development. <i>Sustainability</i> , 2019, 11, 447.	1.6	40
24	The 21st-century Maritime Silk Road: challenges and opportunities for transport management and practice. <i>Transport Reviews</i> , 2018, 38, 413-415.	4.7	39
25	Analyzing relationship between ERP utilization and lean manufacturing maturity of Turkish SMEs. <i>Journal of Enterprise Information Management</i> , 2014, 27, 261-277.	4.4	37
26	Reliability analysis of offshore structures within a time varying environment. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015, 29, 1615-1636.	1.9	35
27	A fuzzy Delphi-AHP-TOPSIS framework to identify barriers in big data analytics adoption: case of maritime organizations. <i>Maritime Policy and Management</i> , 2019, 46, 781-801.	1.9	35
28	A review of port devolution and governance models with compound eyes approach. <i>Transport Reviews</i> , 2017, 37, 507-520.	4.7	33
29	A decision support system for port selection. <i>Transportation Planning and Technology</i> , 2012, 35, 509-524.	0.9	32
30	The Greening of Terminal Concessions in Seaports. <i>Sustainability</i> , 2018, 10, 3318.	1.6	31
31	Data-driven financial and operational risk management: Empirical evidence from the global tramp shipping industry. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 158, 102617.	3.7	30
32	Port strategy in the era of supply chain management: the case of Hong Kong. <i>Maritime Policy and Management</i> , 2014, 41, 367-383.	1.9	29
33	Evaluating economic and environmental value of liner vessel sharing along the maritime silk road. <i>Maritime Policy and Management</i> , 2018, 45, 336-350.	1.9	29
34	Enhanced logistics service provider framework for higher integration and efficiency in maritime logistics. <i>International Journal of Logistics Research and Applications</i> , 2014, 17, 89-113.	5.6	28
35	Mathematical programming formulations for the strategic berth template problem. <i>Computers and Industrial Engineering</i> , 2018, 124, 167-179.	3.4	25
36	Dealing with uncertainty and volatility in shipping and ports. <i>Maritime Policy and Management</i> , 2014, 41, 611-614.	1.9	24

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37	Daily Maersk's impacts on shipper's supply chain inventories and implications for the liner shipping industry. <i>Maritime Policy and Management</i> , 2015, 42, 246-262.	1.9	22
38	Risk analysis of marine cargoes and major port disruptions. <i>Maritime Economics and Logistics</i> , 2019, 21, 497-523.	2.0	22
39	Cold chain shipping mode choice with environmental and financial perspectives. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 87, 102537.	3.2	22
40	Laser power based surface characteristics models for 3-D printing process. <i>Journal of Intelligent Manufacturing</i> , 2018, 29, 1191-1202.	4.4	20
41	A serving innovation typology: mapping port-related innovations. <i>Transport Reviews</i> , 2019, 39, 611-629.	4.7	19
42	Non-conventional modeling of extreme significant wave height through random sets. <i>Acta Oceanologica Sinica</i> , 2014, 33, 125-130.	0.4	16
43	Evolving Functional Expression of Permeability of Fly Ash by a New Evolutionary Approach. <i>Transport in Porous Media</i> , 2015, 107, 555-571.	1.2	16
44	The Value of Sharing Inland Transportation Services in a Dry Port System. <i>Transportation Science</i> , 2018, 52, 835-849.	2.6	15
45	Simulation-based severe weather-induced container terminal economic loss estimation. <i>Maritime Policy and Management</i> , 2019, 46, 92-116.	1.9	15
46	An integrated analysis of interrelationships within the very large gas carrier (VLGC) shipping market. <i>Maritime Economics and Logistics</i> , 2019, 21, 372-389.	2.0	15
47	An integrated approach for port selection, ship scheduling and financial analysis. <i>NETNOMICS: Economic Research and Electronic Networking</i> , 2010, 11, 33-46.	0.9	12
48	Assessment of the Competitiveness of Ports as Bunkering Hubs: Empirical Studies on Singapore and Shanghai. <i>Transportation Journal</i> , 2011, 50, 176-203.	0.3	11
49	A Bilevel Analytical Model for Dynamic Storage Pricing in a Supply Hub in Industrial Park (SHIP). <i>IEEE Transactions on Automation Science and Engineering</i> , 2015, 12, 1017-1032.	3.4	11
50	A Copula Approach in the Point Estimate Method for Reliability Engineering. <i>Quality and Reliability Engineering International</i> , 2016, 32, 1501-1508.	1.4	11
51	A THEORETICAL FRAMEWORK FOR THE EVALUATION OF COMPETITION BETWEEN CONTAINER TERMINAL OPERATORS. <i>Singapore Economic Review</i> , 2011, 56, 535-559.	0.9	10
52	Optimising vehicle and on-foot porter routing in urban logistics. <i>Transportation Research, Part D: Transport and Environment</i> , 2022, 109, 103371.	3.2	10
53	An empirical investigation of logistics infrastructure projects in emerging economies. <i>Maritime Economics and Logistics</i> , 2018, 20, 48-71.	2.0	9
54	Intelligent optimization of bioleaching process for waste lithium-ion batteries: An application of support vector regression approach. <i>International Journal of Energy Research</i> , 2021, 45, 6152-6162.	2.2	9

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55	A Survey on the Ship Loading Problem. Lecture Notes in Computer Science, 2015, , 238-251.	1.0	8
56	Conflict resolution for enhancing shipping safety and improving navigational traffic within a seaport: vessel arrival scheduling. Transportmetrica A: Transport Science, 2017, 13, 727-741.	1.3	7
57	Energy component in the density of selective laser melting fabricated prototype. International Journal of Advanced Manufacturing Technology, 2016, 86, 603-611.	1.5	5
58	Emissions from container vessels in the port of Singapore. Maritime Policy and Management, 2022, 49, 306-322.	1.9	5
59	Economic impact of port disruptions on industry clusters: A case study of Shenzhen. , 2015, , .		4
60	Risk management in port and maritime logistics. Accident Analysis and Prevention, 2019, 123, 397-398.	3.0	3
61	Data for a meta-analysis of the adaptive layer in adaptive large neighborhood search. Data in Brief, 2020, 33, 106568.	0.5	3
62	Optimal storage pricing and pickup scheduling for inbound containers in a dry port system. , 2014, , .		2
63	Feasibility of implementing energy management system in ports. , 2017, , .		2
64	Models for continuous berth allocation and quay crane assignment: Computational comparison. , 2017, , .		2
65	Measuring the Impact of E-Collaboration on Supply Chain Parties: A Value-Based Management Approach. IEEE Access, 2021, 9, 118181-118193.	2.6	2
66	The Impact of Covid-19 on Blockchain Adoption Time of Shipowners. , 2021, , .		2
67	Special issue on "Artificial Intelligence & big data in shipping". Maritime Policy and Management, 2020, 47, 575-576.	1.9	1
68	Blockchain Adoption Time of Shipowners: A Game Theoretic Analysis. , 2020, , .		1