Jasmine Siu Lee Lam

List of Publications by Year
in descending order

152	5,647	57758	102487
papers	citations	44 h-index	66 g-index

152	152	152	3394
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Portfolio valueâ€atâ€risk estimation for spot chartering decisions under changing trade patterns: A copula approach. Risk Analysis, 2023, 43, 1278-1292.	2.7	1
2	Energy strategies of China and their impacts on energy shipping import through the Straits of Malacca and Singapore. Maritime Business Review, 2022, 7, 145-160.	1.8	5
3	Emissions from container vessels in the port of Singapore. Maritime Policy and Management, 2022, 49, 306-322.	3.8	5
4	Effects of container ship speed on CO2 emission, cargo lead time and supply chain costs. Research in Transportation Business and Management, 2022, 43, 100723.	2.9	14
5	Impacts of energy transition on Liquefied Natural Gas shipping: A case study of China and its strategies. Transport Policy, 2022, 115, 262-274.	6.6	5
6	Integrated Cost and Risk Management Enhancing Supply Chain Resilience. Springer Tracts in Civil Engineering, 2022, , 385-399.	0.5	0
7	Life cycle assessment of diesel and hydrogen power systems in tugboats. Transportation Research, Part D: Transport and Environment, 2022, 103, 103192.	6.8	18
8	Bottlenecks of LNG supply chain in energy transition: A case study of China using system dynamics simulation. Energy, 2022, 250, 123803.	8.8	15
9	A game theoretic approach of optimal adoption time of blockchain: A case of ship operators. Computers and Industrial Engineering, 2022, 169, 108219.	6.3	10
10	Effects of project-specific government involvement actions on the attractiveness of port public-private partnerships among private investors. Transport Policy, 2022, 125, 59-69.	6.6	4
11	Blockchain adoptions in the maritime industry: a conceptual framework. Maritime Policy and Management, 2021, 48, 777-794.	3.8	56
12	Intelligent optimization of bioleaching process for waste lithiumâ€ion batteries: An application of support vector regression approach. International Journal of Energy Research, 2021, 45, 6152-6162.	4.5	9
13	Emission accounting of shipping activities in the era of big data. International Journal of Shipping and Transport Logistics, 2021, 13, 156.	0.5	10
14	Freight rate co-movement and risk spillovers in the product tanker shipping market: A copula analysis. Transportation Research, Part E: Logistics and Transportation Review, 2021, 149, 102315.	7.4	11
15	Greenhouse gas impact of digitalizing shipping documents: Blockchain vs. centralized systems. Transportation Research, Part D: Transport and Environment, 2021, 97, 102942.	6.8	17
16	Optimal energy management and operations planning in seaports with smart grid while harnessing renewable energy under uncertainty. Omega, 2021, 103, 102445.	5.9	105
17	The dual-channel sales strategy of liner slots considering shipping e-commerce platforms. Computers and Industrial Engineering, 2021, 159, 107516.	6.3	11
18	Measuring the Impact of E-Collaboration on Supply Chain Parties: A Value-Based Management Approach. IEEE Access, 2021, 9, 118181-118193.	4.2	2

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19	Port Planning and Investment. , 2021, , 443-448.		0
20	Shipping sentiment and the dry bulk shipping freight market: New evidence from newspaper coverage. Transportation Research, Part E: Logistics and Transportation Review, 2021, 155, 102490.	7.4	9
21	Volatility and Uncertainty in Container Shipping Market. WMU Studies in Maritime Affairs, 2021, , 11-32.	1.0	1
22	The Impact of Covid-19 on Blockchain Adoption Time of Shipowners. , 2021, , .		2
23	Cold chain shipping mode choice with environmental and financial perspectives. Transportation Research, Part D: Transport and Environment, 2020, 87, 102537.	6.8	22
24	The impact of institutional conditions on willingness to take contractual risk in port public-private partnerships of developing countries. Transportation Research, Part A: Policy and Practice, 2020, 133, 12-26.	4.2	10
25	Optimal emission control under public port rivalry: A comparison of competitive and cooperative policy. Maritime Transport Research, 2020, 1, 100005.	3.2	4
26	Blockchain Adoption Time of Shipowners: A Game Theoretic Analysis. , 2020, , .		1
27	Risk analysis of marine cargoes and major port disruptions. Maritime Economics and Logistics, 2019, 21, 497-523.	4.0	22
28	A fast reaction-based port vulnerability assessment: Case of Tianjin Port explosion. Transportation Research, Part A: Policy and Practice, 2019, 128, 11-33.	4.2	20
29	A fuzzy Delphi-AHP-TOPSIS framework to identify barriers in big data analytics adoption: case of maritime organizations. Maritime Policy and Management, 2019, 46, 781-801.	3.8	35
30	A Stakeholder Perspective of Port City Sustainable Development. Sustainability, 2019, 11, 447.	3.2	40
31	Cyclone risk model and assessment for East Asian container ports. Ocean and Coastal Management, 2019, 178, 104796.	4.4	19
32	A review of energy efficiency in ports: Operational strategies, technologies and energy management systems. Renewable and Sustainable Energy Reviews, 2019, 112, 170-182.	16.4	293
33	Willingness to take contractual risk in port public-private partnerships under economic volatility: The role of institutional environment in emerging economies. Transport Policy, 2019, 81, 106-116.	6.6	13
34	Catastrophe risk assessment framework of ports and industrial clusters: a case study of the Guangdong province. International Journal of Shipping and Transport Logistics, 2019, 11, 1.	0.5	4
35	Green port marketing for sustainable growth and development. Transport Policy, 2019, 84, 73-81.	6.6	91
36	A destination choice model for very large gas carriers (VLGC) loading from the US Gulf. Energy, 2019, 174, 1267-1275.	8.8	15

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37	Recoverable robustness in weekly berth and quay crane planning. Transportation Research Part B: Methodological, 2019, 122, 365-389.	5.9	89
38	A serving innovation typology: mapping port-related innovations. Transport Reviews, 2019, 39, 611-629.	8.8	19
39	Is methanol a future marine fuel for shipping?. Journal of Physics: Conference Series, 2019, 1357, 012014.	0.4	9
40	Simulation-based severe weather-induced container terminal economic loss estimation. Maritime Policy and Management, 2019, 46, 92-116.	3.8	15
41	Innovative solutions for enhancing customer value in liner shipping. Transport Policy, 2019, 82, 88-95.	6.6	16
42	A copula-GARCH approach for analyzing dynamic conditional dependency structure between liquefied petroleum gas freight rate, product price arbitrage and crude oil price. Energy Economics, 2019, 78, 412-427.	12.1	55
43	Port performance in container transport logistics: A multi-stakeholder perspective. Transport Policy, 2019, 73, 25-40.	6.6	61
44	An integrated analysis of interrelationships within the very large gas carrier (VLGC) shipping market. Maritime Economics and Logistics, 2019, 21, 372-389.	4.0	15
45	Risk management in port and maritime logistics. Accident Analysis and Prevention, 2019, 123, 397-398.	5.7	3
46	Catastrophe risk assessment framework of ports and industrial clusters: a case study of the Guangdong province. International Journal of Shipping and Transport Logistics, 2019, 11, 1.	0.5	0
47	Laser power based surface characteristics models for 3-D printing process. Journal of Intelligent Manufacturing, 2018, 29, 1191-1202.	7.3	20
48	Evaluating economic and environmental value of liner vessel sharing along the maritime silk road. Maritime Policy and Management, 2018, 45, 336-350.	3.8	29
49	Sustainability and interactivity between cities and ports: a two-stage data envelopment analysis (DEA) approach. Maritime Policy and Management, 2018, 45, 944-961.	3.8	48
50	Simulation-based catastrophe-induced port loss estimation. Reliability Engineering and System Safety, 2018, 175, 1-12.	8.9	30
51	Shipping mode choice in cold chain from a value-based management perspective. Transportation Research, Part E: Logistics and Transportation Review, 2018, 110, 147-167.	7.4	19
52	The Value of Sharing Inland Transportation Services in a Dry Port System. Transportation Science, 2018, 52, 835-849.	4.4	15
53	The 21st-century Maritime Silk Road: challenges and opportunities for transport management and practice. Transport Reviews, 2018, 38, 413-415.	8.8	39
54	Are the innovation processes in seaport terminal operations successful?. Maritime Policy and Management, 2018, 45, 787-802.	3.8	28

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55	Strategic investment in enhancing portâ€“hinterland container transportation network resilience: A network game theory approach. Transportation Research Part B: Methodological, 2018, 111, 83-112.	5.9	55
56	An empirical investigation of logistics infrastructure projects in emerging economies. Maritime Economics and Logistics, 2018, 20, 48-71.	4.0	9
57	The impact of environmental policy on ports and the associated economic opportunities. Transportation Research, Part A: Policy and Practice, 2018, 110, 234-242.	4.2	53
58	The Greening of Terminal Concessions in Seaports. Sustainability, 2018, 10, 3318.	3.2	31
59	Analysing business models of liner shipping companies. International Journal of Shipping and Transport Logistics, 2018, 10, 237.	0.5	27
60	Analysis of liner shipping networks and transshipment flows of potential hub ports in sub-Saharan Africa. Transport Policy, 2018, 69, 193-206.	6.6	16
61	Mathematical programming formulations for the strategic berth template problem. Computers and Industrial Engineering, 2018, 124, 167-179.	6.3	25
62	Developing the fifth generation port concept model: an empirical test. International Journal of Logistics Management, 2018, 29, 1098-1120.	6.6	34
63	Analyzing Business Models of Liner Shipping Companies. International Journal of Shipping and Transport Logistics, 2018, 10, 1.	0.5	4
64	Global Shipping and Ports: The Quest for Sustained Competitiveness. Transportation Journal, 2018, 57, 233-237.	0.7	0
65	Conflict resolution for enhancing shipping safety and improving navigational traffic within a seaport: vessel arrival scheduling. Transportmetrica A: Transport Science, 2017, 13, 727-741.	2.0	7
66	A hybrid computational intelligence framework in modelling of coal-oil agglomeration phenomenon. Applied Soft Computing Journal, 2017, 55, 402-412.	7.2	13
67	Cyclone risk mapping for critical coastal infrastructure: Cases of East Asian seaports. Ocean and Coastal Management, 2017, 141, 43-54.	4.4	33
68	An empirical test of the balanced theory of port competitiveness. International Journal of Logistics Management, 2017, 28, 363-378.	6.6	24
69	Incentive policy for reduction of emission from ships: A case study of China. Marine Policy, 2017, 86, 253-258.	3.2	25
70	An empirical analysis of maritime cluster evolution from the port development perspective â€“ Cases of London and Hong Kong. Transportation Research, Part A: Policy and Practice, 2017, 105, 219-232.	4.2	36
71	Robust model design for evaluation of power characteristics of the cleaner energy system. Renewable Energy, 2017, 112, 302-313.	8.9	53
72	A systems framework for the sustainable development of a Port City: A case study of Singapore's policies. Research in Transportation Business and Management, 2017, 22, 255-262.	2.9	51

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73	Risk assessment framework for exposure of cargo and ports to natural hazards and climate extremes. Maritime Policy and Management, 2017, 44, 1-15.	3.8	64
74	A review of port devolution and governance models with compound eyes approach. Transport Reviews, 2017, 37, 507-520.	8.8	33
75	Optimal sustainable life cycle maintenance strategies for port infrastructures. Journal of Cleaner Production, 2017, 142, 1693-1709.	9.3	64
76	Feasibility of implementing energy management system in ports. , 2017, , .		2
77	Models for continuous berth allocation and quay crane assignment: Computational comparison. , 2017, , .		2
78	Design of explicit models for estimating efficiency characteristics of microbial fuel cells. Energy, 2017, 134, 136-156.	8.8	16
79	Incorporating corporate social responsibility in strategic planning: case of ship-operating companies. International Journal of Shipping and Transport Logistics, 2016, 8, 273.	0.5	24
80	A Copula Approach in the Point Estimate Method for Reliability Engineering. Quality and Reliability Engineering International, 2016, 32, 1501-1508.	2.3	11
81	Li-ion battery cell equalization by modules with chain structure switched capacitors. , 2016, , .		6
82	A quality function deployment approach to improve maritime supply chain resilience. Transportation Research, Part E: Logistics and Transportation Review, 2016, 92, 16-27.	7.4	136
83	Power consumption and tool life models for the production process. Journal of Cleaner Production, 2016, 131, 754-764.	9.3	35
84	Modeling multiple-response environmental and manufacturing characteristics of EDM process. Journal of Cleaner Production, 2016, 137, 1588-1601.	9.3	54
85	Transportation research trends in environmental issues: a literature review of methodology and key subjects. International Journal of Shipping and Transport Logistics, 2016, 8, 612.	0.5	25
86	Functional characterization of current characteristic of direct methanol fuel cell. Fuel, 2016, 183, 432-440.	6.4	13
87	Estimating economic losses of industry clusters due to port disruptions. Transportation Research, Part A: Policy and Practice, 2016, 91, 17-33.	4.2	41
88	Asian economic integration and maritime CO2 emissions. Transportation Research, Part D: Transport and Environment, 2016, 43, 226-237.	6.8	31
89	Energy component in the density of selective laser melting fabricated prototype. International Journal of Advanced Manufacturing Technology, 2016, 86, 603-611.	3.0	5
90	A market-oriented approach for intermodal network optimisation meeting cost, time and environmental requirements. International Journal of Production Economics, 2016, 171, 266-274.	8.9	70

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91	A New Variant of Genetic Programming in Formulation of Laser Energy Consumption Model of 3D Printing Process. Environmental Footprints and Eco-design of Products and Processes, 2016, , 31-50.	1.1	2
92	Private Finance in Port Investment: The South Pacific Islands. , 2016, , 178-197.		5
93	Dynamic regional port cluster development: case of the ports across Taiwan Strait. Geo Journal, 2015, 80, 619-636.	3.1	12
94	A molecular simulation based computational intelligence study of a nano-machining process with implications on its environmental performance. Swarm and Evolutionary Computation, 2015, 21, 54-63.	8.1	29
95	Economic impact of port disruptions on industry clusters: A case study of Shenzhen. , 2015, , .		4
96	Environmental sustainability of logistics service provider: an ANP-QFD approach. International Journal of Logistics Management, 2015, 26, 313-333.	6.6	86
97	Reliability analysis of offshore structures within a time varying environment. Stochastic Environmental Research and Risk Assessment, 2015, 29, 1615-1636.	4.0	35
98	Developing supply chain security design of logistics service providers. International Journal of Physical Distribution and Logistics Management, 2015, 45, 674-690.	7.4	30
99	Sharing environmental management information with supply chain partners and the performance contingencies on environmental munificence. International Journal of Production Economics, 2015, 164, 445-453.	8.9	86
100	Modeling the Impacts of Tides and the Virtual Arrival Policy in Berth Allocation. Transportation Science, 2015, 49, 939-956.	4.4	94
101	Designing a sustainable maritime supply chain: A hybrid QFDâ€“ANP approach. Transportation Research, Part E: Logistics and Transportation Review, 2015, 78, 70-81.	7.4	140
102	Evolving Functional Expression of Permeability of Fly Ash by a New Evolutionary Approach. Transport in Porous Media, 2015, 107, 555-571.	2.6	16
103	Process characterisation of 3D-printed FDM components using improved evolutionary computational approach. International Journal of Advanced Manufacturing Technology, 2015, 78, 781-793.	3.0	87
104	Daily Maerskâ€™s impacts on shipperâ€™s supply chain inventories and implications for the liner shipping industry. Maritime Policy and Management, 2015, 42, 246-262.	3.8	22
105	Improving environmental sustainability by formulation of generalized power consumption models using an ensemble based multi-gene genetic programming approach. Journal of Cleaner Production, 2015, 102, 246-263.	9.3	48
106	Measurement of environmental aspect of 3-D printing process using soft computing methods. Measurement: Journal of the International Measurement Confederation, 2015, 75, 210-217.	5.0	26
107	A new computational intelligence approach in formulation of functional relationship of open porosity of the additive manufacturing process. International Journal of Advanced Manufacturing Technology, 2015, 80, 555-565.	3.0	54
108	Disruption risks and mitigation strategies: an analysis of Asian ports. Maritime Policy and Management, 2015, 42, 415-435.	3.8	73

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109	A Bilevel Analytical Model for Dynamic Storage Pricing in a Supply Hub in Industrial Park (SHIP). IEEE Transactions on Automation Science and Engineering, 2015, 12, 1017-1032.	5.2	11
110	Energy conservation in manufacturing operations: modelling the milling process by a new complexity-based evolutionary approach. Journal of Cleaner Production, 2015, 108, 34-45.	9.3	67
111	Estimating the economic losses of port disruption due to extreme wind events. Ocean and Coastal Management, 2015, 116, 300-310.	4.4	67
112	The effect of institutional factors on publicâ€“private partnership success in ports. Transportation Research, Part A: Policy and Practice, 2015, 71, 110-127.	4.2	69
113	A bilevel storage pricing model for outbound containers in a dry port system. Transportation Research, Part E: Logistics and Transportation Review, 2015, 73, 65-83.	7.4	28
114	Developing environmental sustainability by ANP-QFD approach: the case of shipping operations. Journal of Cleaner Production, 2015, 105, 275-284.	9.3	98
115	Container Port Competition and Competitiveness Analysis: Asian Major Ports. Profiles in Operations Research, 2015, , 97-136.	0.4	25
116	Enhanced logistics service provider framework for higher integration and efficiency in maritime logistics. International Journal of Logistics Research and Applications, 2014, 17, 89-113.	8.8	28
117	Optimal storage pricing and pickup scheduling for inbound containers in a dry port system. , 2014, , .		2
118	Dealing with uncertainty and volatility in shipping and ports. Maritime Policy and Management, 2014, 41, 611-614.	3.8	24
119	Impacts of Schedule Reliability and Sailing Frequency on the Liner Shipping and Port Industry: A Study of Daily Maersk. Transportation Journal, 2014, 53, 235-253.	0.7	28
120	Port strategy in the era of supply chain management: the case of Hong Kong. Maritime Policy and Management, 2014, 41, 367-383.	3.8	29
121	Non-conventional modeling of extreme significant wave height through random sets. Acta Oceanologica Sinica, 2014, 33, 125-130.	1.0	16
122	Environmental sustainability in seaports: a framework for successful innovation. Maritime Policy and Management, 2014, 41, 480-500.	3.8	198
123	The Greening of Ports: A Comparison of Port Management Tools Used by Leading Ports in Asia and Europe. Transport Reviews, 2014, 34, 169-189.	8.8	243
124	Multi-link-ahead Conflicts Prediction in Dynamic Seaport Environments. Gaming Media and Social Effects, 2014, , 69-84.	0.7	2
125	Stakeholder management for establishing sustainable regional port governance. Research in Transportation Business and Management, 2013, 8, 30-38.	2.9	55
126	80Âmillion-twenty-foot-equivalent-unit container port? Sustainability issues inÂport and coastal development. Ocean and Coastal Management, 2013, 71, 13-25.	4.4	90

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127	Seaport network performance measurement in the context of global freight supply chains. Polish Maritime Research, 2013, 20, 47-54.	1.9	17
128	Port hinterland intermodal container flow optimisation with green concerns: a literature review and research agenda. International Journal of Shipping and Transport Logistics, 2013, 5, 257.	0.5	70
129	Maritime cluster evolution based on symbiosis theory and Lotkaâ€“Volterra model. Maritime Policy and Management, 2013, 40, 161-176.	3.8	67
130	Towards a normative model for managing container shipping supply chains. International Journal of Logistics Systems and Management, 2013, 14, 200.	0.2	3
131	Benefits and barriers of supply chain integration: empirical analysis of liner shipping. International Journal of Shipping and Transport Logistics, 2013, 5, 13.	0.5	32
132	Cooperation or competition? Factors and conditions affecting regional port governance in South China. Maritime Economics and Logistics, 2012, 14, 386-408.	4.0	94
133	Mining maritime schedules for analysing global shipping networks. International Journal of Business Intelligence and Data Mining, 2012, 7, 186.	0.2	10
134	Risk Management in Maritime Logistics and Supply Chains. , 2012, , 117-131.		7
135	Managing reverse logistics to enhance sustainability of industrial marketing. Industrial Marketing Management, 2012, 41, 589-598.	6.7	153
136	A decision support system for port selection. Transportation Planning and Technology, 2012, 35, 509-524.	2.0	32
137	Impact of Port Disruption on Supply Chains: A Petri Net Approach. Lecture Notes in Computer Science, 2012, , 72-85.	1.3	5
138	Patterns of maritime supply chains: slot capacity analysis. Journal of Transport Geography, 2011, 19, 366-374.	5.0	74
139	Dynamics of liner shipping network and port connectivity in supply chain systems: analysis on East Asia. Journal of Transport Geography, 2011, 19, 1272-1281.	5.0	99
140	Assessment of the Competitiveness of Ports as Bunkering Hubs: Empirical Studies on Singapore and Shanghai. Transportation Journal, 2011, 50, 176-203.	0.7	11
141	Container port competition and complementarity in supply chain systems: Evidence from the Pearl River Delta. Maritime Economics and Logistics, 2011, 13, 102-120.	4.0	54
142	Scenario analysis for supply chain integration in container shipping. Maritime Policy and Management, 2011, 38, 705-725.	3.8	64
143	A THEORETICAL FRAMEWORK FOR THE EVALUATION OF COMPETITION BETWEEN CONTAINER TERMINAL OPERATORS. Singapore Economic Review, 2011, 56, 535-559.	1.7	10
144	An integrated approach for port selection, ship scheduling and financial analysis. NETNOMICS: Economic Research and Electronic Networking, 2010, 11, 33-46.	0.9	12

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145	Synchronisation of Seaborne Cold Chains. , 2010, , .		1
146	Competition for transhipment containers by major ports in Southeast Asia: slot capacity analysis. Maritime Policy and Management, 2008, 35, 89-101.	3.8	40
147	Structure, conduct and performance on the major liner shipping routes 1. Maritime Policy and Management, 2007, 34, 359-381.	3.8	41
148	Chapter 13 The Port of Singapore and its Governance Structure. Research in Transportation Economics, 2006, 17, 285-310.	4.1	28
149	Competition dynamics between container ports in East Asia. Transportation Research, Part A: Policy and Practice, 2006, 40, 35-51.	4.2	64
150	A measurement and Comparison of Cost Competitiveness of Container Ports in Southeast Asia. Transportation, 2006, 33, 641-654.	4.0	56
151	Developments in Container Port Competition in East Asia. Transport Reviews, 2006, 26, 167-188.	8.8	81
152	An interpretation of inter-container port relationships from the demand perspective. Maritime Policy and Management, 2004, 31, 337-355.	3.8	56