

Kevin Patrick Brendan Cullinane

List of Publications by Year in descending order

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111
papers

5,224
citations

87843

38
h-index

95218

68
g-index

122
all docs

122
docs citations

122
times ranked

2844
citing authors

#	ARTICLE	IF	CITATIONS
1	The technical efficiency of container ports: Comparing data envelopment analysis and stochastic frontier analysis. <i>Transportation Research, Part A: Policy and Practice</i> , 2006, 40, 354-374.	2.0	269
2	Economies of scale in large containerships: optimal size and geographical implications. <i>Journal of Transport Geography</i> , 2000, 8, 181-195.	2.3	248
3	An Application of DEA Windows Analysis to Container Port Production Efficiency. <i>Review of Network Economics</i> , 2004, 3, .	0.4	212
4	Identifying influential attributes in freight route/mode choice decisions: a content analysis. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2000, 36, 41-53.	3.7	208
5	The relationship between privatization and DEA estimates of efficiency in the container port industry. <i>Journal of Economics and Business</i> , 2005, 57, 433-462.	1.7	178
6	A comparison of fuzzy DEA and fuzzy TOPSIS in sustainable supplier selection: Implications for sourcing strategy. <i>Expert Systems With Applications</i> , 2019, 121, 266-281.	4.4	177
7	The Application of Mathematical Programming Approaches to Estimating Container Port Production Efficiency. <i>Journal of Productivity Analysis</i> , 2005, 24, 73-92.	0.8	173
8	The Efficiency of European Container Terminals and Implications for Supply Chain Management. <i>Maritime Economics and Logistics</i> , 2006, 8, 82-99.	2.0	152
9	A stochastic frontier model of the productive efficiency of Korean container terminals. <i>Applied Economics</i> , 2003, 35, 251-267.	1.2	151
10	A stochastic frontier model of the efficiency of major container terminals in Asia: assessing the influence of administrative and ownership structures. <i>Transportation Research, Part A: Policy and Practice</i> , 2002, 36, 743-762.	2.0	148
11	Emission control areas and their impact on maritime transport. <i>Transportation Research, Part D: Transport and Environment</i> , 2014, 28, 1-5.	3.2	147
12	Evaluating the sustainability of national logistics performance using Data Envelopment Analysis. <i>Transport Policy</i> , 2019, 74, 35-46.	3.4	133
13	Applying the triple bottom line in sustainable supplier selection: A meta-review of the state-of-the-art. <i>Journal of Cleaner Production</i> , 2020, 269, 122001.	4.6	106
14	Port privatization policy and practice. <i>Transport Reviews</i> , 2002, 22, 55-75.	4.7	103
15	The non-linear dynamics of spot freight rates in tanker markets. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2006, 42, 211-224.	3.7	95
16	The impact of an emerging port on the carbon dioxide emissions of inland container transport: An empirical study of Taipei port. <i>Energy Policy</i> , 2010, 38, 5251-5257.	4.2	94
17	Container Terminal Development in Mainland China and Its Impact on the Competitiveness of the Port of Hong Kong. <i>Transport Reviews</i> , 2004, 24, 33-56.	4.7	92
18	Port competition between Shanghai and Ningbo. <i>Maritime Policy and Management</i> , 2005, 32, 331-346.	1.9	91

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19	The efficiency analysis of container port production using DEA panel data approaches. <i>OR Spectrum</i> , 2010, 32, 717-738.	2.1	89
20	Estimating the Relative Efficiency of European Container Ports: A Stochastic Frontier Analysis. <i>Research in Transportation Economics</i> , 2006, 16, 85-115.	2.2	83
21	Car dependence in a public transport dominated city: evidence from Hong Kong. <i>Transportation Research, Part D: Transport and Environment</i> , 2003, 8, 129-138.	3.2	81
22	Atmospheric Emissions from Shipping: The Need for Regulation and Approaches to Compliance. <i>Transport Reviews</i> , 2013, 33, 377-401.	4.7	80
23	Competitive Advantage in Liner Shipping: A Review and Research Agenda. <i>Maritime Economics and Logistics</i> , 2002, 4, 189-209.	0.7	70
24	Determinants of port centrality in maritime container transportation. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016, 95, 326-340.	3.7	70
25	Revisiting port governance and port reform: A multi-country examination. <i>Research in Transportation Business and Management</i> , 2017, 22, 1-10.	1.6	69
26	Developing a model for measuring the resilience of a port-hinterland container transportation network. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017, 97, 282-301.	3.7	62
27	A framework for assessing urban greenery's effects and valuing its ecosystem services. <i>Journal of Environmental Management</i> , 2018, 205, 274-285.	3.8	60
28	Key criteria influencing the choice of Arctic shipping: a fuzzy analytic hierarchy process model. <i>Maritime Policy and Management</i> , 2018, 45, 422-438.	1.9	59
29	Chapter 23 Data Envelopment Analysis (DEA) and Improving Container Port Efficiency. <i>Research in Transportation Economics</i> , 2006, 17, 517-566.	2.2	58
30	Global trends in maritime and port economics: the COVID-19 pandemic and beyond. <i>Maritime Economics and Logistics</i> , 2021, 23, 369-380.	2.0	52
31	The desulphurisation of shipping: Past, present and the future under a global cap. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 82, 102316.	3.2	49
32	Identifying the Main Opportunities and Challenges from the Implementation of a Port Energy Management System: A SWOT/PESTLE Analysis. <i>Sustainability</i> , 2019, 11, 6046.	1.6	48
33	The estimation of a driving cycle for Celje and a comparison to other European cities. <i>Sustainable Cities and Society</i> , 2014, 11, 56-60.	5.1	47
34	Measuring Container Port Accessibility: An Application of the Principal Eigenvector Method (PEM). <i>Maritime Economics and Logistics</i> , 2008, 10, 75-89.	2.0	46
35	The dry port concept – Theory and practice. <i>Maritime Economics and Logistics</i> , 2012, 14, 1-13.	2.0	46
36	Chapter 18 Governance Models Defined. <i>Research in Transportation Economics</i> , 2006, 17, 405-435.	2.2	44

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37	A short-term adaptive forecasting model for BIFFEX speculation: a Box-Jenkins approach. <i>Maritime Policy and Management</i> , 1992, 19, 91-114.	1.9	43
38	Cutting vehicle emissions with regenerative braking. <i>Transportation Research, Part D: Transport and Environment</i> , 2010, 15, 160-167.	3.2	43
39	Structure, conduct and performance on the major liner shipping routes 1. <i>Maritime Policy and Management</i> , 2007, 34, 359-381.	1.9	41
40	The impact of airport and seaport privatization on efficiency and performance: A review of the international evidence and implications for developing countries. <i>Transport Policy</i> , 2012, 24, 37-47.	3.4	41
41	Time at ports in short sea shipping: When timing is crucial. <i>Maritime Economics and Logistics</i> , 2014, 16, 399-417.	2.0	40
42	Targeting the reduction of shipping emissions to air. <i>Maritime Business Review</i> , 2019, 4, 16-30.	1.1	40
43	The impact of governance development models on urban rail efficiency. <i>Transportation Research, Part A: Policy and Practice</i> , 2008, 42, 1238-1250.	2.0	39
44	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
45	The vertical disintegration of ship management: choice criteria for third party selection and evaluation. <i>Maritime Policy and Management</i> , 2002, 29, 45-64.	1.9	38
46	The Administrative and Ownership Structure of Asian Container Ports. <i>Maritime Economics and Logistics</i> , 2001, 3, 175-197.	0.7	37
47	A capacity-based measure of container port accessibility. <i>International Journal of Logistics Research and Applications</i> , 2009, 12, 103-117.	5.6	37
48	The hierarchical configuration of the container port industry: an application of multiple linkage analysis. <i>Maritime Policy and Management</i> , 2012, 39, 169-187.	1.9	37
49	Container Port Production and Economic Efficiency. , 2005, , .		37
50	The Contribution of the Dry Port Concept to the Extension of Port Life Cycles. <i>Operations Research/Computer Science Interfaces Series</i> , 2011, , 359-379.	0.3	36
51	Estimation of container ship emissions at berth in Taiwan. <i>International Journal of Sustainable Transportation</i> , 2016, 10, 466-474.	2.1	36
52	Traffic consolidation in East Asian container ports: A network flow analysis. <i>Transportation Research, Part A: Policy and Practice</i> , 2014, 61, 152-163.	2.0	35
53	Chapter 15 Port Governance in China. <i>Research in Transportation Economics</i> , 2006, 17, 331-356.	2.2	34
54	Attitudes towards traffic problems and public transport in the Dartmoor and Lake District National Parks. <i>Journal of Transport Geography</i> , 1999, 7, 79-87.	2.3	33

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55	Illegal parking and the enforcement of parking regulations: causes, effects and interactions. <i>Transport Reviews</i> , 1992, 12, 49-75.	4.7	30
56	Container terminals in South Korea: problems and panaceas. <i>Maritime Policy and Management</i> , 1998, 25, 63-80.	1.9	30
57	Chapter 13 The Port of Singapore and its Governance Structure. <i>Research in Transportation Economics</i> , 2006, 17, 285-310.	2.2	28
58	Beta Estimation and Stability in the US-Listed International Transportation Industry. <i>Review of Pacific Basin Financial Markets and Policies</i> , 2006, 09, 463-490.	0.7	24
59	An Economic Approach to Maritime Risk Management and Safety Regulation. <i>Maritime Economics and Logistics</i> , 2003, 5, 268-284.	2.0	22
60	A portfolio analysis of market investments in dry bulk shipping. <i>Transportation Research Part B: Methodological</i> , 1995, 29, 181-200.	2.8	21
61	International oligopoly and stock market linkages: The case of global airlines. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2008, 44, 621-636.	3.7	19
62	Editorial: China's Belt and Road Initiative. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 117, 1-4.	3.7	19
63	Potential for, and drivers of, private voluntary initiatives for the decarbonisation of short sea shipping: evidence from a Swedish ferry line. <i>Maritime Economics and Logistics</i> , 2021, 23, 632-654.	2.0	19
64	Exploring the relationships between maritime connectivity, international trade and domestic production. <i>Maritime Policy and Management</i> , 2021, 48, 497-511.	1.9	18
65	The utility analysis of risk attitudes in shipping. <i>Maritime Policy and Management</i> , 1991, 18, 157-169.	1.9	17
66	Rural traffic management. <i>Transport Policy</i> , 1996, 3, 213-224.	3.4	17
67	Evaluating the Costs of Decarbonizing the Shipping Industry: A Review of the Literature. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 946.	1.2	17
68	Liquidity risk premium and asset pricing in US water transportation. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2013, 52, 3-15.	3.7	16
69	The role of a cap-and-trade market in reducing NO _x and SO _x emissions: Prospects and benefits for ships within the Northern European ECA. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2013, 227, 136-154.	0.3	16
70	The mispricing of transportation initial public offerings in the Chinese mainland and Hong Kong. <i>Maritime Policy and Management</i> , 2002, 29, 107-118.	1.9	15
71	Hong Kong city profile. <i>Cities</i> , 2003, 20, 279-288.	2.7	14
72	The information content of earnings releases by global airlines. <i>Journal of Air Transport Management</i> , 2006, 12, 82-91.	2.4	14

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73	Policy on Reducing Shipping Emissions. , 2019, , 35-62.		14
74	Evaluating the external costs of trailer transport: a comparison of sea and road. Maritime Economics and Logistics, 2019, 21, 61-78.	2.0	14
75	The influence of qualitative factors in Isle of Man ship registration decisions. Maritime Policy and Management, 1996, 23, 321-336.	1.9	11
76	The effect of transport on air quality in urban areas of Syria. Energy Policy, 2011, 39, 3605-3611.	4.2	11
77	Reconfiguring maritime networks due to the Belt and Road Initiative: impact on bilateral trade flows. Maritime Economics and Logistics, 2021, 23, 381-400.	2.0	11
78	Who's using Biffex? Results from a survey of shipowners. Maritime Policy and Management, 1991, 18, 79-91.	1.9	10
79	The Use of Capital Budgeting Techniques among UK-based Ship Operators. Maritime Economics and Logistics, 2000, 2, 313-330.	0.7	10
80	The Application of WTO Rules in China and the Implications for Foreign Direct Investment. Journal of World Investment and Trade, 2003, 4, 343-361.	0.4	10
81	A THEORETICAL FRAMEWORK FOR THE EVALUATION OF COMPETITION BETWEEN CONTAINER TERMINAL OPERATORS. Singapore Economic Review, 2011, 56, 535-559.	0.9	10
82	Port privatisation in Sweden: Domestic realism in the face of global hype. Research in Transportation Business and Management, 2017, 22, 224-231.	1.6	10
83	Assessing the Impact of Disruptive Events on Port Performance and Choice: The Case of Gothenburg. Journal of Marine Science and Engineering, 2021, 9, 145.	1.2	10
84	Green port performance evaluation under uncertainty: a multiple attribute group decision analysis. International Journal of Shipping and Transport Logistics, 2021, 13, 130.	0.2	10
85	The future governance structure of Libya's container ports: A survey of stakeholder attitudes. Research in Transportation Business and Management, 2013, 8, 7-16.	1.6	9
86	A Review of Port Initiatives to Promote Freight Modal Shifts in Europe: Evidence from Port Governance Systems. Sustainability, 2021, 13, 5907.	1.6	9
87	Economic and environmental impacts of scrubbers investments in shipping: a multi-sectoral analysis. Maritime Policy and Management, 2022, 49, 1097-1115.	1.9	9
88	7. THE CONTAINER SHIPPING INDUSTRY AND THE IMPACT OF CHINA'S ACCESSION TO THE WTO. Research in Transportation Economics, 2004, 12, 221-245.	2.2	7
89	Identifying the characteristics of China's maritime trading partners on the basis of bilateral shipping connectivity: a cluster analysis. Maritime Policy and Management, 2023, 50, 42-57.	1.9	7
90	The Efficiency of European Container Terminals and Implications for Supply Chain Management. , 2015, , 253-272.		7

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91	Chapter 26 Conclusions and Research Agenda. <i>Research in Transportation Economics</i> , 2006, 17, 631-660.	2.2	6
92	Chapter 4 An International Dimension: Shipping. <i>Transport and Sustainability</i> , 2012, , 65-104.	0.2	6
93	DEVELOPMENT OF AIR TRANSPORT INDUSTRY IN THE ASIA&PACIFIC REGION. <i>Pacific Economic Review</i> , 2011, 16, 42-46.	0.7	5
94	An environmental management system in seaports: evidence from Malaysia. <i>Maritime Policy and Management</i> , 0, , 1-18.	1.9	5
95	Port Privatisation: A New Paradigm of Port Policy. <i>Ocean Yearbook</i> , 2002, 16, 398-420.	0.2	4
96	Evaluating the effects of Sweden&TM's environmentally differentiated fairway dues. <i>Transportation Research, Part D: Transport and Environment</i> , 2019, 70, 77-93.	3.2	4
97	The Logistics of Online Clothing Returns in Sweden and How to Reduce its Environmental Impact. <i>Journal of Service Science and Management</i> , 2021, 14, 72-95.	0.4	4
98	Planned road network developments in the Baltic Sea region. <i>Transport Reviews</i> , 1998, 18, 35-55.	4.7	3
99	Chapter 14 Port Governance in Hong Kong. <i>Research in Transportation Economics</i> , 2006, 17, 311-329.	2.2	3
100	Improving the quality of Sweden&TM's rail freight rolling stock. <i>Benchmarking</i> , 2017, 24, 1552-1570.	2.9	3
101	The impact of potential Brexit scenarios on German car exports to the UK: an application of the gravity model. <i>Journal of Shipping and Trade</i> , 2018, 3, .	0.7	3
102	Costs, revenue, service attributes and competition in shipping. <i>Maritime Economics and Logistics</i> , 2012, 14, 265-273.	2.0	2
103	The Role of Feeder Shipping in Chinese Container Port Development. <i>Transportation Journal</i> , 2014, 53, 253-267.	0.3	2
104	IAME 2001: Contemporary research in global shipping and logistics. <i>Maritime Policy and Management</i> , 2002, 29, 203-208.	1.9	1
105	IAME 2011 " contemporary studies on maritime transport in Latin America. <i>Maritime Policy and Management</i> , 2012, 39, 549-554.	1.9	1
106	Simulating long-term performance of regional distribution centers in archipelagic logistics systems. <i>Maritime Economics and Logistics</i> , 2020, , 1.	2.0	1
107	Green Shipping and Ports. , 2016, , 69-91.		1
108	1. EDITORIAL: KEY THEMES IN SHIPPING ECONOMICS RESEARCH. <i>Research in Transportation Economics</i> , 2004, 12, 1-17.	2.2	0

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109	The best of the best from IAME 2009. Maritime Economics and Logistics, 2010, 12, 1-7.	2.0	0
110	A financial evaluation of the design concept for a "clean energy producing vessel"™. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2015, 229, 201-217.	0.3	0
111	Potential solutions to upstream buyer consolidation in the China-Europe container trades " An exploratory study. , 2016, , .		0