

Kevin Patrick Brendan Cullinane

List of Publications by Citations

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107
papers

3,825
citations

34
h-index

59
g-index

122
ext. papers

4,451
ext. citations

3.9
avg, IF

6.1
L-index

#	Paper	IF	Citations
107	Economies of scale in large containerhips: optimal size and geographical implications. <i>Journal of Transport Geography</i> , 2000 , 8, 181-195	5.2	205
106	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	3.7	173
105	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	9	170
104	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	1.3	156
103	An Application of DEA Windows Analysis to Container Port Production Efficiency. <i>Review of Network Economics</i> , 2004 , 3,	0.3	150
102	The Application of Mathematical Programming Approaches to Estimating Container Port Production Efficiency. <i>Journal of Productivity Analysis</i> , 2005 , 24, 73-92	1.8	146
101	A stochastic frontier model of the productive efficiency of Korean container terminals. <i>Applied Economics</i> , 2003 , 35, 251-267	1.6	129
100	The Efficiency of European Container Terminals and Implications for Supply Chain Management. <i>Maritime Economics and Logistics</i> , 2006 , 8, 82-99	2.6	128
99	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	7.8	115
98	Emission control areas and their impact on maritime transport. <i>Transportation Research, Part D: Transport and Environment</i> , 2014 , 28, 1-5	6.4	114
97	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	3.7	95
96	Port privatization policy and practice. <i>Transport Reviews</i> , 2002 , 22, 55-75	9.9	91
95	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	9.9	82
94	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	7.2	80
93	Port competition between Shanghai and Ningbo. <i>Maritime Policy and Management</i> , 2005 , 32, 331-346	2.5	80
92	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	9	75
91	Evaluating the sustainability of national logistics performance using Data Envelopment Analysis. <i>Transport Policy</i> , 2019 , 74, 35-46	5.7	74

90	The efficiency analysis of container port production using DEA panel data approaches. <i>OR Spectrum</i> , 2010 , 32, 717-738	1.9	73
89	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	6.4	65
88	Estimating the Relative Efficiency of European Container Ports: A Stochastic Frontier Analysis. <i>Research in Transportation Economics</i> , 2006 , 16, 85-115	2.4	57
87	Atmospheric Emissions from Shipping: The Need for Regulation and Approaches to Compliance. <i>Transport Reviews</i> , 2013 , 33, 377-401	9.9	54
86	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	10.3	49
85	Revisiting port governance and port reform: A multi-country examination. <i>Research in Transportation Business and Management</i> , 2017 , 22, 1-10	2.8	47
84	A framework for assessing urban greenery's effects and valuing its ecosystem services. <i>Journal of Environmental Management</i> , 2018 , 205, 274-285	7.9	44
83	Key criteria influencing the choice of Arctic shipping: a fuzzy analytic hierarchy process model. <i>Maritime Policy and Management</i> , 2018 , 45, 422-438	2.5	41
82	The dry port concept Theory and practice. <i>Maritime Economics and Logistics</i> , 2012 , 14, 1-13	2.6	38
81	Chapter 23 Data Envelopment Analysis (DEA) and Improving Container Port Efficiency. <i>Research in Transportation Economics</i> , 2006 , 17, 517-566	2.4	38
80	Structure, conduct and performance on the major liner shipping routes 1. <i>Maritime Policy and Management</i> , 2007 , 34, 359-381	2.5	37
79	Determinants of port centrality in maritime container transportation. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016 , 95, 326-340	9	36
78	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	9	35
77	Measuring Container Port Accessibility: An Application of the Principal Eigenvector Method (PEM). <i>Maritime Economics and Logistics</i> , 2008 , 10, 75-89	2.6	35
76	A short-term adaptive forecasting model for BIFFEX speculation: a Box-Jenkins approach. <i>Maritime Policy and Management</i> , 1992 , 19, 91-114	2.5	35
75	The vertical disintegration of ship management: choice criteria for third party selection and evaluation. <i>Maritime Policy and Management</i> , 2002 , 29, 45-64	2.5	34
74	Time at ports in short sea shipping: When timing is crucial. <i>Maritime Economics and Logistics</i> , 2014 , 16, 399-417	2.6	33
73	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	10.1	32

72	Chapter 18 Governance Models Defined. <i>Research in Transportation Economics</i> , 2006 , 17, 405-435	2.4	32
71	The Administrative and Ownership Structure of Asian Container Ports. <i>Maritime Economics and Logistics</i> , 2001 , 3, 175-197		32
70	Cutting vehicle emissions with regenerative braking. <i>Transportation Research, Part D: Transport and Environment</i> , 2010 , 15, 160-167	6.4	31
69	A capacity-based measure of container port accessibility. <i>International Journal of Logistics Research and Applications</i> , 2009 , 12, 103-117	3.8	30
68	Estimation of container ship emissions at berth in Taiwan. <i>International Journal of Sustainable Transportation</i> , 2016 , 10, 466-474	3.6	29
67	The hierarchical configuration of the container port industry: an application of multiple linkage analysis. <i>Maritime Policy and Management</i> , 2012 , 39, 169-187	2.5	29
66	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	5.7	29
65	Targeting the reduction of shipping emissions to air. <i>Maritime Business Review</i> , 2019 , 4, 16-30	1.8	28
64	Chapter 15 Port Governance in China. <i>Research in Transportation Economics</i> , 2006 , 17, 331-356	2.4	28
63	Traffic consolidation in East Asian container ports: A network flow analysis. <i>Transportation Research, Part A: Policy and Practice</i> , 2014 , 61, 152-163	3.7	26
62	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	5.2	25
61	Illegal parking and the enforcement of parking regulations: causes, effects and interactions. <i>Transport Reviews</i> , 1992 , 12, 49-75	9.9	25
60	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	3.6	24
59	Container terminals in South Korea: problems and panaceas. <i>Maritime Policy and Management</i> , 1998 , 25, 63-80	2.5	24
58	Container Port Production and Economic Efficiency 2005 ,		24
57	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	6.4	22
56	The impact of governance development models on urban rail efficiency. <i>Transportation Research, Part A: Policy and Practice</i> , 2008 , 42, 1238-1250	3.7	22
55	Chapter 13 The Port of Singapore and its Governance Structure. <i>Research in Transportation Economics</i> , 2006 , 17, 285-310	2.4	21

54	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	20
53	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	0.5	19
52	An Economic Approach to Maritime Risk Management and Safety Regulation. <i>Maritime Economics and Logistics</i> , 2003 , 5, 268-284	2.6	19
51	International Handbook of Maritime Business 2010 ,		17
50	The utility analysis of risk attitudes in shipping. <i>Maritime Policy and Management</i> , 1991 , 18, 157-169	2.5	17
49	Rural traffic management. <i>Transport Policy</i> , 1996 , 3, 213-224	5.7	15
48	Liquidity risk premium and asset pricing in US water transportation. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2013 , 52, 3-15	9	14
47	The role of a cap-and-trade market in reducing NOx and SOx 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	0.4	14
46	Hong Kong city profile. <i>Cities</i> , 2003 , 20, 279-288	5.6	14
45	The mispricing of transportation initial public offerings in the Chinese mainland and Hong Kong. <i>Maritime Policy and Management</i> , 2002 , 29, 107-118	2.5	14
44	A portfolio analysis of market investments in dry bulk shipping. <i>Transportation Research Part B: Methodological</i> , 1995 , 29, 181-200	7.2	13
43	Container Terminal Efficiency and Private Sector Participation 2012 , 571-598		11
42	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	9	11
41	The information content of earnings releases by global airlines. <i>Journal of Air Transport Management</i> , 2006 , 12, 82-91	5.1	11
40	Evaluating the external costs of trailer transport: a comparison of sea and road. <i>Maritime Economics and Logistics</i> , 2019 , 21, 61-78	2.6	11
39	The effect of transport on air quality in urban areas of Syria. <i>Energy Policy</i> , 2011 , 39, 3605-3611	7.2	10
38	The influence of qualitative factors in Isle of Man ship registration decisions. <i>Maritime Policy and Management</i> , 1996 , 23, 321-336	2.5	10
37	Who's using Biffex? Results from a survey of shipowners. <i>Maritime Policy and Management</i> , 1991 , 18, 79-91	2.5	10

36	Port privatisation in Sweden: Domestic realism in the face of global hype. <i>Research in Transportation Business and Management</i> , 2017 , 22, 224-231	2.8	9
35	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> , 2020 , 1	2.6	9
34	A THEORETICAL FRAMEWORK FOR THE EVALUATION OF COMPETITION BETWEEN CONTAINER TERMINAL OPERATORS. <i>Singapore Economic Review</i> , 2011 , 56, 535-559	0.7	8
33	The Use of Capital Budgeting Techniques among UK-based Ship Operators. <i>Maritime Economics and Logistics</i> , 2000 , 2, 313-330		8
32	The future governance structure of Libya's container ports: A survey of stakeholder attitudes. <i>Research in Transportation Business and Management</i> , 2013 , 8, 7-16	2.8	7
31	The Application of WTO Rules in China and the Implications for Foreign Direct Investment. <i>Journal of World Investment and Trade</i> , 2003 , 4, 343-361	0.4	7
30	Exploring the relationships between maritime connectivity, international trade and domestic production. <i>Maritime Policy and Management</i> , 2020 , 1-15	2.5	7
29	Chapter 26 Conclusions and Research Agenda. <i>Research in Transportation Economics</i> , 2006 , 17, 631-660	2.4	6
28	The Efficiency of European Container Terminals and Implications for Supply Chain Management 2015 , 253-272		6
27	Policy on Reducing Shipping Emissions 2019 , 35-62		6
26	Chapter 4 An International Dimension: Shipping. <i>Transport and Sustainability</i> , 2012 , 65-104	0.1	5
25	International Handbook of Maritime Economics 2011 ,		4
24	DEVELOPMENT OF AIR TRANSPORT INDUSTRY IN THE ASIA-PACIFIC REGION. <i>Pacific Economic Review</i> , 2011 , 16, 42-46	1	4
23	Green port performance evaluation under uncertainty: a multiple attribute group decision analysis. <i>International Journal of Shipping and Transport Logistics</i> , 2021 , 13, 130	1	4
22	Planned road network developments in the Baltic Sea region. <i>Transport Reviews</i> , 1998 , 18, 35-55	9.9	3
21	7. THE CONTAINER SHIPPING INDUSTRY AND THE IMPACT OF CHINA'S ACCESSION TO THE WTO. <i>Research in Transportation Economics</i> , 2004 , 12, 221-245	2.4	3
20	Economic and environmental impacts of scrubbers investments in shipping: a multi-sectoral analysis. <i>Maritime Policy and Management</i> , 1-19	2.5	3
19	Assessing the Impact of Disruptive Events on Port Performance and Choice: The Case of Gothenburg. <i>Journal of Marine Science and Engineering</i> , 2021 , 9, 145	2.4	3

18	Evaluating the effects of Sweden's environmentally differentiated fairway dues. <i>Transportation Research, Part D: Transport and Environment</i> , 2019 , 70, 77-93	6.4	2
17	Improving the quality of Sweden's rail freight rolling stock. <i>Benchmarking</i> , 2017 , 24, 1552-1570	4	2
16	The Role of Feeder Shipping in Chinese Container Port Development. <i>Transportation Journal</i> , 2014 , 53, 253	0.8	2
15	Chapter 14 Port Governance in Hong Kong. <i>Research in Transportation Economics</i> , 2006 , 17, 311-329	2.4	2
14	Port Privatisation: A New Paradigm of Port Policy. <i>Ocean Yearbook</i> , 2002 , 16, 398-420	0.4	2
13	Reconfiguring maritime networks due to the Belt and Road Initiative: impact on bilateral trade flows. <i>Maritime Economics and Logistics</i> , 2021 , 23, 381-400	2.6	2
12	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	2
11	IAME 2011 Contemporary studies on maritime transport in Latin America. <i>Maritime Policy and Management</i> , 2012 , 39, 549-554	2.5	1
10	IAME 2001: Contemporary research in global shipping and logistics. <i>Maritime Policy and Management</i> , 2002 , 29, 203-208	2.5	1
9	Simulating long-term performance of regional distribution centers in archipelagic logistics systems. <i>Maritime Economics and Logistics</i> , 2020 , 1	2.6	1
8	A Review of Port Initiatives to Promote Freight Modal Shifts in Europe: Evidence from Port Governance Systems. <i>Sustainability</i> , 2021 , 13, 5907	3.6	1
7	Identifying the characteristics of China's maritime trading partners on the basis of bilateral shipping connectivity: A cluster analysis. <i>Maritime Policy and Management</i> , 1-16	2.5	1
6	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,	1.7	1
5	An environmental management system in seaports: evidence from Malaysia. <i>Maritime Policy and Management</i> , 1-18	2.5	0
4	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	0.4	
3	The best of the best from IAME 2009. <i>Maritime Economics and Logistics</i> , 2010 , 12, 1-7	2.6	
2	1. EDITORIAL: KEY THEMES IN SHIPPING ECONOMICS RESEARCH. <i>Research in Transportation Economics</i> , 2004 , 12, 1-17	2.4	
1	A Hierarchical Taxonomy of Container Ports in China and the Implications for Their Development 2016 , 79-101		

