

THE UNIVERSITY OF BRITISH COLUMBIA
Curriculum Vitae for Faculty Members

Date: September 23, 2021

SURNAME: Zhang

FIRST NAME: Anming

DEPARTMENT/SCHOOL: Operations and Logistics Division

FACULTY: Sauder School of Business

PRESENT RANK: Professor

SINCE: 1 July 2004

POST-SECONDARY EDUCATION

University or Institution	Degree	Subject Area	Dates
University of British Columbia	Ph.D.	Policy / Management Science	1990
University of British Columbia	M.Sc.	Business Administration	1986
Shanghai Jiao-Tong University	B.Sc.	Mathematics	1983

EMPLOYMENT RECORD

(a) *non-UBC Employment*

University, Company or Organization	Rank or Title	Dates
City University of Hong Kong	Department Head	1998-2001
City University of Hong Kong	Associate Professor	1996-2001
Zhong-Shan University	Visiting Scholar	Sept-Oct 2000
University of Victoria, B.C.	Associate Professor	1995-98 (on leave 1996-98)
University of Victoria, B.C.	Assistant Professor	1990-94
Graduate School of People's Bank of China	Visiting Scholar	Fall 1997
Shanghai Jiao-Tong University	Visiting Scholar	Summer 1994, Summer 1995

(b) *UBC Employment*

Rank or Title	Dates
Professor, and YVR Authority Chair Professor in Air Transportation	July 2004 – present
Chair, Operations and Logistics Division	July 2004 – Dec 2005
Director, Academic, Centre for Operations Excellence	Aug 2002 – June 2004
Director, Centre for Transportation Studies	July 2003 – Dec 2004
Associate Prof., and YVR Professorship in Air Transportation	Jan 2002 – June 2004

LEAVES OF ABSENCE

University, Company or Organization at which Leave was taken	Type of Leave	Dates
UBC, plus visits to - Chinese University of Hong Kong, Sept.-Oct. 2011 - Shanghai Advanced Institute of Finance, Shanghai Jiao-Tong University, Oct. 2011-Jun. 2012 and shorter-term visits to other universities	Sabbatical	Jul 1, 2011 – Jun 30, 2012
UBC, plus visits to - Chinese University of Hong Kong, Jan.-Feb. 2006 - University of Tokyo, April-May 2006 - German Social Science Research Center (WZB), Berlin, Aug. 2006 and shorter-term visits to other universities	Sabbatical	Jan 1 – Dec 31, 2006

AWARDS AND DISTINCTIONS*(a) Awards for Scholarship*

2019. Fellow, The World Air Transport Research Society (ATRS).

2014. The 13th Outstanding Research Prize Competition in the City of Beijing: Second Place Award (Social Science Category), for the paper “Effects of High-speed Rail and Air Transport Competition on Prices, Profits and Welfare” with Hangjun Yang, December 2014, Beijing.

2014. The Best Overall Paper Prize for the paper “How to Mix Per-flight and Per-passenger Based Airport Charges” written by Czerny A.I. and A. Zhang, awarded at the *ITEA (International Transport Economics Association) Conference on Transportation Economics*, Toulouse School of Economics, June 5, 2014.

2008. The CORS Practice Prize Competition Third Place Award, for the project “Pulling it All Together: Asset Lifecycle Management” with Amanda Armstrong, awarded at the *Canadian Operations Research Society (CORS) Annual Conference*, Quebec City, Quebec.

2006. The Runner-up for the Best Conference Paper Award, for the paper “Trying to Put the ‘Full’ in the Full Costs of Transportation” written by Gillen, D., J. Lawson, W.G. Waters and A. Zhang, awarded at the *Canadian Transportation Research Forum (CTRF) 41st Annual Conference*, Quebec City, Quebec.

2004. The Runner-up for the Best Conference Paper Award, for the paper “Alternative Forms of Economic Regulation of Airports: Modelling and Empirical Evaluation” written by Oum, T.H., A. Zhang and Y. Zhang, awarded at the *Canadian Transportation Research Forum (CTRF) 39th Annual Conference*, May 2004, Calgary, Alberta.

2004. Sauder School of Business Research Excellence Award (junior category), University of British Columbia.

1998. The WCTR-Society Prize for the paper “Optimal Demand for Operating Lease of Aircraft” written by Oum, T.H., A. Zhang and Y. Zhang, awarded to the best paper of the *8th World Conference on Transportation Research (WCTR)*, Antwerp, Belgium. (893 papers were presented at this tri-annual

conference.)

1998. Merit of Certificate, Excellent Applied Research Award, City University of Hong Kong.

1995. The Yokohama Special Young Prize for an Outstanding Young Researcher, awarded at the 7th World Conference on Transportation Research (WCTR), Sydney, Australia.

(b) *Other Awards*

The Izaak W. Killam Pre-doctoral Fellowship, UBC, 1988-1990.

The University of British Columbia Graduate Fellowship (UGF), 1986-1988.

The Canadian International Development Agency (CIDA) Scholarship, 1984-1986.

SERVICE TO THE COMMUNITY

(a) *Memberships on scholarly societies, including offices held and dates*

President, the World Air Transport Research Society (ATRS), July 2020 – present.

President, Transportation and Public Utility Group (TPUG) of American Economic Association (AEA), January 2020 – January 2021.

President-elect, the World Air Transport Research Society (ATRS), July 2019 – June 2020.

Executive Committee Member, The World Conference on Transportation Research (WCTR) Society, June 2019 – present.

President-elect, Transportation and Public Utility Group (TPUG) of American Economic Association (AEA), January – December 2019.

Executive Committee Member, International Transportation Economics Association (ITEA), 2014 - present

(b) *Editorships (list journal and dates)*

Associate Editor, Transportation Research Part A: Policy and Practice, January 2021 – present

Editorial Board (Founding member), Maritime Transport Research, 2020 – present

Editorial Board, Journal of Air Transport Management, 2015 – present

Editorial Board, International Journal of Shipping and Transport Logistics, 2014 – present

Editorial Board, Transportation Research Part B: Methodological, 2014 – present

Editorial Board (Founding member), Case Studies on Transport Policy, 2012 – present

Editorial Board (Founding member), Economics of Transportation, 2011 – present

Associate Editor, Transportmetrica, 2003 – present.

REFEREED PUBLICATIONS

(a) Journals

Brander, J.A. and A. Zhang (1990), "Market Conduct in the Airline Industry: An Empirical Investigation," RAND Journal of Economics, Vol. 21 (December), pp. 567-583.

[Reprinted in P. Forsyth, K. Button and P. Nijkamp (eds.), Classics in Transport Analysis: Air Transport, 2002, pp. 217-233, Edward Elgar Publishers.]

Zhang, A. (1993), "An Analysis of Common Marketing Agencies," Canadian Journal of Economics, Vol. 26 (February), pp. 134-149.

Oum, T.H., A.J. Taylor and A. Zhang (1993), "Strategic Policy in Globalizing Airline Networks," Transportation Journal, Vol. 32 (April), pp. 14-30.

Oum, T.H., A. Zhang and Y. Zhang (1993), "Inter-Firm Rivalry and Firm-Specific Price Elasticity in Airline Markets," Journal of Transport Economics and Policy, Vol. 27 (May), pp. 171-192.

[Reprinted in T.H. Oum, J.S. Dodgson, D.A. Hensher, S.A. Morrison, C.A. Nash, K.A. Small and W.G. Waters II (eds.), Transport Economics: Selected Readings, 1997, pp. 313-342, Harwood Academic Publishers.]

Zhang, A. and X. Wei (1993), "Competition in Airline Networks: The Case of Constant Elasticity Demands," Economics Letters, Vol. 42 (August), pp. 253-259.

Brander, J.A. and A. Zhang (1993), "Dynamic Oligopoly Behaviour in the Airline Industry," International Journal of Industrial Organization, Vol. 11 (September), pp. 407-435.

Chen, H. and A. Zhang (1994), "Horizontal Mergers and International Trade," System Engineering (Xi-Tong Gong-Cheng), Vol. 3, pp. 25-32. (in Chinese)

Ferguson, D. and A. Zhang (1994), "Strategic Labour Contracts," Canadian Journal of Economics, Vol. 27, pp. 734-751.

Zhang, A. (1994), "Bonus Contracting in Oligopoly," Taiwan Economic Review, Vol. 22, pp. 219-235.

Oum, T.H., A. Zhang and Y. Zhang (1995), "Airline Network Rivalry," Canadian Journal of Economics, Vol. 28, pp. 836-857.

[Reprinted in D.A. Hensher (ed.), Transport Economics (Critical Concepts in Economics), 2012, pp. 432-454, Routledge, London.]

Oum, T.H., J. Park and A. Zhang (1996), "Effects of Airline Code-sharing Agreements on Firm Conduct and Fares," Journal of Transport Economics and Policy, Vol. 30, pp. 187-202.

Oum, T.H., A. Zhang and Y. Zhang (1996), "Optimal Airport Pricing in a Hub-and-Spoke System," Transportation Research Part B: Methodological, Vol. 30, pp. 11-18.

Zhang, A. (1996), "An Analysis of Fortress Hubs in Network-based Markets," Journal of Transport Economics and Policy, Vol. 30, pp. 293-308.

Zhang, A. and Y. Zhang (1996), "Stability of a Cournot-Nash Equilibrium: The Multi-product Case," Journal of Mathematical Economics, Vol. 26, pp. 441-462.

Zhang, A. and D. Aldridge (1997), "Effects of Mergers and Foreign Alliances: An Event Study," Transportation Research Part E: Logistics and Transportation Review, Vol. 33, pp. 29-42.

Zhang, A. and Y. Zhang (1997), "Concession Revenue and Optimal Airport Pricing," Transportation Research Part E: Logistics and Transportation Review, Vol. 33, pp. 287-296.

Zhang, A. (1998), "Industrial Reform and Air Transport Development in China," Journal of Air Transport Management, Vol. 4, pp. 155-164.

[Reprinted in P. Forsyth, K. Button and P. Nijkamp (eds.), Classics in Transport Analysis: Air Transport, 2002, pp. 629-638, Edward Elgar Publishers.]

Park, J. and A. Zhang (1998), "Airline Alliances and Partner Firms' Output," Transportation Research Part E: Logistics and Transportation Review, Vol. 34, pp. 245-255.

Zhang, A. and Y. Zhang (1998), "Import Protection as Export Promotion under Economies of Scale," Japan and the World Economy, Vol. 10, pp. 199-219.

Oum, T.H., A. Zhang and Y. Zhang (2000), "Optimal Demand for Operating Lease of Aircraft," Transportation Research Part B: Methodological, Vol. 34, pp. 17-29.

Park, J. and A. Zhang (2000), "An Empirical Analysis of Global Airline Alliances: Cases in North Atlantic Markets," Review of Industrial Organization, Vol. 16, pp. 367-384.

Oum, T.H., A. Zhang and Y. Zhang (2000), "Socially Optimal Capacity and Capital Structure in Oligopoly: The Case of the Airline Industry," Journal of Transport Economics and Policy, Vol. 34, pp. 55-68.

[Reprinted in K. Button (ed.), Recent Developments in Transport Economics (The International Library of Critical Writings in Economics Series No. 164), 2003, Edward Elgar.]

Oum, T.H., A. Zhang and Y. Zhang (2000), "Allocative Efficiency and Social Value of the Aircraft Leasing Industry," International Journal of Transport Economics, Vol. 27, pp. 131-145.

Zhang, A. and Y. Zhang (2001), "Airport Charges, Economic Growth, and Cost Recovery," Transportation Research Part E: Logistics and Transportation Review, Vol. 37, pp. 25-33.

Jones, J.C.H., T. Potashnik and A. Zhang (2001), "Patents, Brand-Generic Competition and Pricing of Ethical Drugs in Canada: Empirical Evidence," Applied Economics, Vol. 33, pp. 947-956.

Oum, T.H., C. Yu and A. Zhang (2001), "Global Airline Alliances: International Regulatory Issues," Journal of Air Transport Management, Vol. 7 (1), pp. 57-62.

Zhang, A. and Y. Zhang (2001), "Airport Charges and Cost Recovery: The Long-run View," Journal of Air Transport Management, Vol. 7 (1), pp. 75-78.

Park, J., A. Zhang and Y. Zhang (2001), "Analytical Models of International Alliances in the Airline Industry," Transportation Research Part B: Methodological, Vol. 35, pp. 865-886.

Zhang, A., Y. Zhang and R. Zhao (2001), "Impact of Ownership and Competition on the Productivity of Chinese Enterprises," Journal of Comparative Economics, Vol. 29, pp. 327-346.

Oum, T.H. and A. Zhang (2001), "Global Strategic Alliances and the Impacts on the Canadian Airline Industry," Journal of Air Transport Management, Vol. 7, No. 5, pp. 287-301.

Zhang, A. and H. Chen (2002), "Horizontal Mergers in a Liberalizing World Economy," Pacific Economic Review, Vol. 7 (2), pp. 359-376.

Zhang, A. and Y. Zhang (2002), "Issues on Liberalization of Air Cargo Services in International Aviation," Journal of Air Transport Management, Vol. 8, pp. 275-287.

Zhang, A. (2002), "Electronic Technology and Simplification of Customs Regulations and Procedures in Air Cargo Trade," Journal of Air Transportation, Vol. 7, No. 2, pp. 87-102.

- Zhang, A., Y. Zhang and R. Zhao (2002), "Profitability and Productivity of Chinese Enterprises: Measurement and Ownership Implications," China Economic Review, Vol. 13, pp. 65-88.
- Zhang, A. and Y. Zhang (2002), "A Model of Air Cargo Liberalization: Passenger vs. All-cargo Carriers," Transportation Research Part E: Logistics and Transportation Review, Vol. 38, pp. 175-191.
- Li, J. and A. Zhang (2003), "WTO Accession and China's Domestic Regional Liberalization: A Theoretical Analysis," Pacific Economic Review, Vol. 8, pp. 127-142.
- Zhang, A. and Y. Zhang (2003), "Airport Charges and Capacity Expansion: Effects of Concessions and Privatization," Journal of Urban Economics, Vol. 53, pp. 54-75.
- Park, J., N. Park and A. Zhang (2003), "The Impact of International Alliances on Rival Firm Value: A Study of the British Airways/USAir Alliance," Transportation Research Part E: Logistics and Transportation Review, Vol. 39, No. 1, pp. 1-18.
- Zhang, A. (2003), "Analysis of an International Air Cargo Hub: The Case of Hong Kong," Journal of Air Transport Management, Vol. 9, pp. 123-138.
- Zhang, A. and H. Chen (2003), "Evolution of China's Air Transport Development and Policy towards International Liberalization," Transportation Journal, Vol. 42, pp. 31-49.
- Zhang, A., Y. Zhang and R. Zhao (2003), "A Study of R&D Efficiency and Productivity of Chinese Firms," Journal of Comparative Economics, Vol. 31, pp. 444-464.
- Ching, S., C. Wong and A. Zhang (2004), "Non-tariff Barriers to Trade in the Pacific Rim: A Contingent Valuation Study," Pacific Economic Review, Vol. 9, No. 1, pp. 65-73.
- Hui, G., YV Hui and A. Zhang (2004), "Analyzing China's Air Cargo Flows and Data," Journal of Air Transport Management, Vol. 10, pp. 125-135.
- Sun, Q., J. Li, and A. Zhang (2004), "SOE Reform under Oligopolistic Market Structure: The Optimal Choice of State Shares," Economic Research Journal (Jing-ji Yan-jiu), Vol. 39, No. 1, pp. 64-73. (in Chinese)
[Reprinted (and translated into English) at Frontiers of Economics in China, 2006, Vol. 1, pp. 39-47. Higher Education Press and Springer-Verlag.]
- Zhang, A., YV Hui and L. Leung (2004), "Air Cargo Alliances and Competition in Passenger Market," Transportation Research Part E: Logistics and Transportation Review, Vol. 40, pp. 83-100.
- Oum, T., A. Zhang and Y. Zhang (2004), "Alternative Forms of Economic Regulation and Their Efficiency Implications for Airports," Journal of Transport Economics and Policy, Vol. 38, pp. 217-246.
- Zhang, A. (2005), "Competition Models of Strategic Alliances," Research in Transport Economics, Vol. 13, pp. 75-100.
- Sun, Q., A. Zhang and J. Li (2005), "A Study of Optimal State Shares in Mixed Oligopoly: Implications for SOE Reform and Foreign Competition," China Economic Review, Vol. 16, pp. 1-27.
- Clougherty, J. and A. Zhang (2005), "Export Orientation and Domestic Merger Policy: Theory and Empirical Evidence," Canadian Journal of Economics, Vol. 38, pp. 778-806.
- Fung, M., A. Zhang, L. Leung and J. Law (2005), "The Air Cargo Industry in China: Implications of Globalization and WTO Accession," Transportation Journal, Vol. 44, No. 4, pp. 44-62.
- Wong, C., J. Wu and A. Zhang (2006), "A Model of Liberalization of Trade in Services," Review of International Economics, Vol. 14, pp. 148-168.

- Zhang, A. and Y. Zhang (2006), "Rivalry between Strategic Alliances," International Journal of Industrial Organization, Vol. 24, pp. 287-301.
- Zhang, A. and Y. Zhang (2006), "Airport Capacity and Congestion When Carriers Have Market Power," Journal of Urban Economics, Vol. 60, pp. 229-247.
- Zhang, A., C. Lang, YV Hui and L. Leung (2007), "Intermodal Alliance and Rivalry of Transport Chains: The Air Cargo Market," Transportation Research Part E: Logistics and Transportation Review, Vol. 43, pp. 234-246.
- Basso, L. and A. Zhang (2007), "Congestible Facility Rivalry in Vertical Structures," Journal of Urban Economics, Vol. 61, pp. 218-237.
- Yuen, A. and A. Zhang (2007), "Strategic Trade and Transport Policies with Congestible Facilities," Asia Pacific Journal of Accounting & Economics, Vol. 14, pp. 235-257.
- Basso, L. and A. Zhang (2008), "Sequential Peak-Load Pricing: The Case of Airports and Airlines," Canadian Journal of Economics, Vol. 41, pp. 1087-1119.
- Li, M.Z.F., A. Zhang and Y. Zhang (2008), "Airline Seat Allocation Competition," International Transactions in Operational Research, Vol. 15, pp. 439-459.
- Yuen, A., L. Basso and A. Zhang (2008), "Effects of Gateway Congestion Pricing on Optimal Road Pricing and Hinterland," Journal of Transport Economics and Policy, Vol. 42, pp. 495-526.
- Basso, L. and A. Zhang (2008), "On the Relationship between Airport Pricing Models," Transportation Research Part B: Methodological, Vol. 42, pp. 725-735.
- Zhang, A. (2008), "Comments on Prospects for Urban Road Pricing in Canada," Brookings-Wharton Papers on Urban Affairs, pp. 271-280.
- Zhang, A., S. Hanaoka, H. Inamura and T. Ishikura (2008), "Low Cost Carriers in Asia: Deregulation, Regional Liberalization and Secondary Airports," Research in Transportation Economics, Vol. 24, pp. 36-50.
[Reprinted in S. Ison (ed.), Low Cost Carriers: Emergence, Expansion and Evaluation, 2017, pp. 55-69, Taylor & Francis Group.]
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- Clougherty, J. and A. Zhang (2009), "Domestic Rivalry and Export Performance: Theory and Evidence from International Airline Markets," Canadian Journal of Economics, Vol. 42, pp. 440-468.
- Yuen, A. and A. Zhang (2009), "Effects of Competition and Policy Changes on Chinese Airport Productivity: An Empirical Investigation," Journal of Air Transport Management, Vol. 15, pp. 166-174.
- Wong, W., A. Zhang, YV Hui and L. Leung (2009), "Optimal Baggage Limit Policy: Airline Passenger and Cargo Allocation," Transportation Science, Vol. 43, No. 3, pp. 355-369.
- Hong, S. and A. Zhang (2010), "An Efficiency Study of Airlines and Air Cargo/Passenger Divisions: A DEA Approach," World Review of Intermodal Transportation Research, Vol. 3, pp. 137-149.
- Fu, X. and A. Zhang (2010), "Effects of Airport Concession Revenue Sharing on Competition and Social Welfare," Journal of Transport Economics and Policy, Vol. 44, Part 2, pp. 119-138.
- Basso, L. and A. Zhang (2010), "Pricing vs. Slot Policies When Airport Profits Matter," Transportation Research Part B:

Methodological, Vol. 44, pp. 381-391.

Zhang, A and Y. Zhang (2010), "Airport Capacity and Congestion Pricing with both Aeronautical and Commercial Operations," Transportation Research Part B: Methodological, Vol. 44, pp. 404-413.

Ha, H., Y. Yoshida and A. Zhang (2010), "Comparative Analysis of Efficiency for Major Northeast Asian Airports," Transportation Journal, Vol. 49 (4), pp. 9-23.

Fu, X., T.H. Oum and A. Zhang (2010), "Air Transport Liberalization and its Impacts on Airline Competition and Air Passenger Traffic," Transportation Journal, Vol. 49 (4), pp.24-41.

Zhang, A., X. Fu and H. Yang (2010), "Revenue Sharing with Multiple Airlines and Airports", Transportation Research Part B: Methodological, Vol. 44, pp. 944-959.

Brueckner, J.K. and A. Zhang (2010), "Airline Emission Charges: Effects on Airfares, Service Quality, and Aircraft Design," Transportation Research Part B: Methodological, Vol. 44, pp. 960-971.

Yuen, A. and A. Zhang (2011), "Airport Congestion Pricing and its Welfare Implications: The Case of Variable Passenger Time Costs," Pacific Economic Review, Vol. 16, pp. 83-102.

Czerny, A.I. and A. Zhang (2011), "Airport Congestion Pricing and Passenger Types," Transportation Research Part B: Methodological, Vol. 45, pp. 595-604.

Yang, H. and A. Zhang (2011), "Price-cap Regulation of Congested Airports," Journal of Regulatory Economics, Vol. 39, pp. 293-312.

Yuen, A. and A. Zhang (2011), "Unilateral Regulation and Greenhouse Gas Emissions: The Case of the Airline Industry," Transportation Research Part D: Transport and Environment, Vol. 16, pp. 540-546.

Ha, H.K., Y. Yoshida and A. Zhang (2011), "Social Efficiency Benchmarking of Japanese Domestic Transport Services: A Comparison of Rail and Air," Transportation Research Part D: Transport and Environment, Vol. 16, pp. 554-561.

Yang, H. and A. Zhang (2012), "Impact of Regulation on Transport Infrastructure Capacity and Service Quality," Journal of Transport Economics and Policy, Vol. 46, pp. 415-430.

Fu, X., A. Zhang and Z. Lei (2012), "Will China's Airline Industry Survive the Entry of High Speed Rail?" Research in Transportation Economics, Vol. 35, pp. 13-25.

Yuen, A., A. Zhang and W. Cheung (2012), "Port Competitiveness from the Users' Perspective: An Analysis of Major Container Ports in China and its Neighboring Countries," Research in Transportation Economics, Vol. 35, pp. 34-40.

Bilotkach, V., J.A. Clougherty, J. Mueller and A. Zhang (2012), "Regulation, Privatization, and Airport Charges: Panel Data Evidence from European Airports," Journal of Regulatory Economics, Vol. 42, pp. 73-94.

Yang, H. and A. Zhang (2012), "Effects of High-speed Rail and Air Transport Competition on Prices, Profits and Welfare," Transportation Research Part B: Methodological, Vol. 46, pp. 1322-1333.

Zhang, A. and A.I. Czerny (2012), "Airports and Airlines Economics and Policy: An Interpretive Review of Recent Research," Economics of Transportation, Vol. 1, pp. 15-34.

Wan, Y. and A. Zhang (2013), "Urban Road Congestion and Seaport Competition," Journal of Transport Economics and Policy, Vol. 47, No. 1, pp. 55-70.

Yuen, A., A. Zhang and W. Cheung (2013), "Foreign Participation and Competition: A Way to Improve Container Port Efficiency in China?" Transportation Research Part A: Policy and Practice, Vol. 49, pp. 220-231.

- Wan, Y., A. Zhang and A. Yuen (2013), "Urban Road Congestion, Capacity Expansion and Port Competition: Empirical Analysis of U.S. Container Ports," Maritime Policy & Management, Vol. 40, pp. 417-438.
- Bae, M.J., E.P. Chew, L.H. Lee and A. Zhang (2013), "Container Transshipment and Port Competition," Maritime Policy & Management, Vol. 40, pp. 479-494.
- Ha, H.-K., Y. Wan, Y. Yoshida and A. Zhang (2013), "Airline Market Structure and Airport Efficiency: Evidence from Northeast Asian Airports," Journal of Air Transport Management, Vol. 33, pp. 32-42.
- Xiao, Y., X. Fu and A. Zhang (2013), "Demand Uncertainty and Airport Capacity Choice," Transportation Research Part B: Methodological, Vol. 57, pp. 91-104.
- Yang, S., C. Lee and A. Zhang (2013), "An Inventory Model for Perishable Products with Stock-Dependent Demand and Trade Credit under Inflation," Mathematical Problems in Engineering, Vol. 2013, Article ID 702939, 8 pages.
- Zhang, Q., H. Yang, Q. Wang and A. Zhang (2014), "Market Power and Its Determinants in the Chinese Airline Industry," Transportation Research Part A: Policy and Practice, Vol. 64, pp. 1-13.
- Jiang, C. and A. Zhang (2014), "Effects of High-speed Rail and Airline Cooperation under Hub Airport Capacity Constraint," Transportation Research Part B: Methodological, Vol. 60, pp. 33-49.
- Czerny, A.I. and A. Zhang (2014), "Airport Peak-load Pricing Revisited: The Case of Peak and Uniform Tolls," Economics of Transportation, Vol. 3, No. 1, pp. 90-101.
- Chew, E.P., C. Lee, R. Liu, K. Hong and A. Zhang (2014), "Optimal Dynamic Pricing and Ordering Decisions for Perishable Products," International Journal of Production Economics, Vol. 157, pp. 39-48.
- Wan, Y., A. Yuen and A. Zhang (2014), "Effects of Hinterland Accessibility on U.S. Container Port Efficiency," International Journal of Shipping and Transport Logistics, Vol. 6 (4), pp. 422-440.
- Czerny, A.I. and A. Zhang (2014), "Airport Congestion Pricing When Airlines Price Discriminate," Transportation Research Part B: Methodological, Vol. 65, pp. 77-89.
- Chen, H., Q. Qian and A. Zhang (2015), "Would allowing privately funded health service reduce public waiting times? – Theory and empirical evidence from Canadian joint replacement surgery data," Production and Operations Management, 24(4), 605-618.
- Czerny, A.I. and A. Zhang (2015), "How to mix per-flight and per-passenger based airport charges," Transportation Research Part A: Policy and Practice, 71(1), 77-95.
- Noruzoliaee, M., B. Zou and A. Zhang (2015), "Airport partial and full privatization in a multi-airport region: Focus on pricing and capacity," Transportation Research Part E: Logistics and Transportation Review, 77, 45-60.
- Czerny, A.I. and A. Zhang (2015), "Third-degree price discrimination in the presence of congestion externality," Canadian Journal of Economics, 48(4), 1430-1455.
- Hu, Q. and A. Zhang (2015), "Real option analysis of aircraft acquisition: A case study," Journal of Air Transport Management, 46, 19-29.
- Yang, H., A. Zhang and X. Fu (2015), "Determinants of airport-airline vertical arrangements: Analytical results and empirical evidence," Journal of Transport Economics and Policy, 49(3), 438-453.
- Xiao, Y., X. Fu, A. Ng and A. Zhang (2015), "Port investments on coastal and marine disasters prevention: Economic modeling and implications," Transportation Research Part B: Methodological, 78, 202-221.

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- Wan, Y., C. Jiang and A. Zhang (2015), "Airport congestion pricing and terminal investment: Effects of terminal congestion, passenger types and concessions," Transportation Research Part B: Methodological, 82, 91-113.
- Lin, M.-H. and A. Zhang (2016), "Hub congestion pricing: Discriminatory passenger charges," Economics of Transportation, 5, 37-48.
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- Jiang, C. and A. Zhang (2016), "Airline network choice and market coverage under high-speed rail competition," Transportation Research Part A: Policy and Practice, 92, 248-260.
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- Kidokoro, Y., M.H. Lin and A. Zhang (2016), "A general equilibrium analysis of airport pricing, capacity and regulation," Journal of Urban Economics, 96, 142-155.
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- Wan, Y., H.-K. Ha, Y. Yoshida, and A. Zhang (2016) "Airlines' reaction to high-speed rail entries: Empirical study of the Northeast Asian market," Transportation Research Part A: Policy and Practice, 94, 532-557.
- Xia, W. and A. Zhang (2016), "High-speed rail and air transport competition and cooperation: A vertical differentiation approach," Transportation Research Part B: Methodological, 94, 456-481.
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- Jiang, C., Y. Wan and A. Zhang (2017), "Internalization of port congestion: Strategic effect behind shipping line delays and implications for terminal charges and investment," Maritime Policy & Management, 44(1), 112-130.
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- Yuen, A., A. Zhang, YV Hui, L.C. Leung and M. Fung (2017), "Is developing an air cargo airport in the hinterland the way of the future?" Journal of Air Transport Management, 61, 15-25.
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- Wu, X., M. Luo and A. Zhang (2017), "Do larger ships visit fewer regions/ports? An empirical analysis on global liners serving China," Journal of Transport Economics and Policy, 51(3), 173-192.
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