



Name: Chen Zhuo
Date of Birth: 27 August 1981
Political Affiliation:
Democratic parties (Ministry of
Civil Affairs)
Education: Ph.D (Economics)

Gender: Female
Nationality: Han
Native Place: Qingdao, Shandong
Research Area: Industrial innovation
economy, Econometrics

+8618553256586

chenzhuo@sdu.edu.cn

School of Innovation and Entrepreneurship, Shandong University (Qingdao),
No.72 Binhai Road, Jimo, Qingdao, Shandong, China

Education Background

2012.09-2015.12	Sungkyunkwan University	Strategic management and international logistics	Doctorate
2007.09-2011.08	Seoul National University, South Korea	International Business	Master's degree
2003.03-2007.08	Hankuk University of Foreign Studies	Simultaneous Interpretation & International Economics	Bachelor's degree

Working Experience

2019.09-to date	Shandong University	School of Innovation and Entrepreneurship	Associate Professor
2018.03-2019.12	Chung-ang University	School of Economics and Management	Guest Professor
2016.11-2019.06	Ocean University of China	School of Economics	Postdoctoral
2015.03-2019.12	Sungkyunkwan University	School of Management	Visiting Professor
2011.09 - 2017. 02	Suwon University, South Korea	School of Economics and Management	Assistant Professor

Academic and Social Part-time Jobs

2022.12-to date	China Electronics Corporation	Expert Consultant
2021.12-to date	Development Research Center of the State Administration of Radio, Film and Television	Guest Researcher
2020.09-to date	MBA Center (Qingdao), School of Innovation and Entrepreneurship	Director
2019.10-to date	International Innovation Transformation Demonstration Base of Shandong University	Deputy Director
2015.01-to date	Korean Ocean Business Association	Directors & Member of the review committee
2013.01-to date	Korean Economics and Management Association	Directors & Member of the review committee
	Marine Policy, Journal of Business Research, etc. (top SSCI journals)	Anonymous Reviewer

Research Achievements

Digital Economy

1. Y. Xiao, **Z. Chen***, Levi McNeil. 2022. Digital empowerment for shipping development: a framework for establishing a smart shipping index system. *Maritime Policy & Management*. 49(6):850-863. (SSCI)
2. S. Wang, **Z. Chen***, Y. Xiao, C. Lin. 2021. Consumer privacy protection with the growth of AI- empowered online shopping based on the evolutionary game model. *Frontiers in Public Health* 9:705777. (SCI)

Applied Economics Based on Mathematical Models

3. **Z. Chen**, S. Wang*, C. Lin, N. Li. 2024. Studies on Ethics of Big Data Privacy in the Platform Economy Based on Evolutionary Game Theory[J/OL]. *Nankai Economic Studies*. (06):92-109.
4. D. Jiang, S. Wang*, **Z. Chen***. 2024. Research on responsible innovation performance evaluation in the blue economic zone of marine industry. *Water*, 16. (SCI)
5. C. Lin, G. Dai, **Z. Chen**, S. Wang, Y. Liu, P. Wang, and X. Fu*. 2023. Game of marine natural resources management: A strategy for determining rights registration. *Water* 15 (1): 36. (SCI)

6. H. Yin, **Z. Chen***, Y. Xiao, M. Mohsin, Z. Liu. 2023. A study on the assessment of risk management performance in maritime start-ups: evidence from China. *Maritime Policy & Management* 50(6):818-832. (SSCI)
7. Y. Xiao, G. Qi, M. Jin, K. F. Yuan, **Z. Chen**, K. X. Li*. 2021. Efficiency of Port State Control inspection regimes: A comparative study. *Transport Policy* 106:165-172. (SSCI)
8. Z. Liu, **Z. Chen**. 2021. Promoting the Development of Innovation and Entrepreneurship Based on Social Entrepreneurship :Core Logic , Ecological Niche and Value Breadth. *East China Economic Management*, 35 (01): 1-7.
9. H. Yin, **Z. Chen***, M. Mohsin. 2021. Priority decision of risk management for Chinese fisheries by using an analytic hierarchy process (AHP) approach. *Indian Journal of Geo-marine Sciences (IJMS)*, Ref: IJMS/MS/4568/19. (SCI)
10. G. Zhou, Y. Mu, **Z. Chen***, S. Wang, 2019. An analysis of abalone over-farming in China: Based on a cobweb model under restriction of carrying capacity. *Journal of Shellfish Research* 38(2): 449-453. (SCI)
11. **Z. Chen** and Myongsop Pak*. 2017. A Delphi analysis on green performance evaluation indices for ports in China. *Maritime Policy & Management* 44(5): 537-550. (SSCI)
12. **Z. Chen** and H. Yin. 2015. An empirical study on the impact of China's shadow banking on the commercial Banks' stability – focus on profitability and liquidity. *Journal of Industry and Trade Studies* 20(4): 131-153. (KCI)
13. **Z. Chen** and M. S. Pak. 2015. A study on the corporate social responsibility model of China's state-owned commercial banks-focused on the case of ICBC. *Journal of Industrial and Business Management* 38(4): 83-109. (KCI)

Traditional Industry Transformation and Upgrading Based on Filtering Data Across Multiple Data Sources

14. S. Wang, G. Zhou*, **Z. Chen**, D. Jiang, G. Dai. 2023. Does the marine environmental carrying capacity of the Yellow Sea's large marine ecosystem maintain sustainable development? – Evidence from Shandong China. *Indoor and Built Environment*. 32(8):1579-1591. (SCI)
15. T. Huang, **Z. Chen***, S. Wang, D. Jiang. 2020. Efficiency evaluation of key ports along the Maritime Silk Road based on the DEA–SCOR model. *Maritime Policy & Management* 48(3): 378-390.(SSCI)
16. **Z. Chen**, D. Jiang*, G. Qi, G. Dai. 2019. Human resources in the mixed ownership reform of Chinese ports: the mediating effects of organizational commitment. *Maritime Policy & Management* 46(4): 453-465. (SSCI)
17. W. Shi, Y. Xiao, **Z. Chen**, H. McLaughlin, and K. Li. 2018. Evolution of green shipping research: themes and methods. *Maritime Policy & Management* 45(7): 863-876. (SSCI)
18. D. Jiang, **Z. Chen***, G. Dai. 2017. Evaluation of the carrying capacity of marine industrial parks: a case study in China. *Marine Policy* 77(1): 111-119. (SSCI)

Economic Innovation Management Based on Data Processing and Fitting Analysis

19. D. Jiang, **Z. Chen***, T. Liu, H. Zhu*, S. Wang and Q. Chen. 2022. Individual creativity in digital transformation enterprises: Knowledge and ability, which is more important? *Frontiers in Psychology*. 12:734941. (SSCI)
20. D. Jiang, T. Liu, **Z. Chen***, X. Zhang*, S. Wang, T. Huang, L. Ning. 2022. The effects of congruence between person and environment on innovation performance in ports. *Frontiers in Psychology*. 12: 732660. (SSCI)
21. D. Jiang*, **Z. Chen***. 2021. Innovative enterprises development and employees' knowledge sharing behavior in China: The role of leadership style. *Frontiers in Psychology* 12:747873
22. H. Yin, **Z. Chen***. Y. Xiao. S. Wang. 2020. Analysis of risk management performance with innovative approach: A case study of China's shipping companies. *Maritime Policy & Management*. (SSCI)
23. H. Yin, **Z. Chen***, Y. Xiao. 2018. Risk perception affecting the performance of shipping companies: the moderating effect of China and Korea. *Maritime Policy & Management* 46(3): 295-308. (SSCI)

24. **Z. Chen*** and H. Yin. 2015. An empirical study on the influencing factors of China's commercial bank's liquidity Risk. *Journal of Korean Management Consulting Review* 14(3): 1-9. (KCI)
25. **Z. Chen** and M.S. Pak. 2014. A study of China's VAT reform within the banking industry: Focusing on the appropriateness of VAT rate. *Review of Institution and Economics* 8(3): 181-203. (KCI)



Published Monograph/Textbook

1. *Spatial-Temporal Differentiation and Evolutionary Mechanisms of the Utilization Efficiency of China's Science and Technology Financial Resources*. Economic Science Press (contracted; to be published in 2025).
2. *Theory and Innovative Practices for the Sustainable Development of China's Marine Economy from a Carrying Capacity Perspective*. Economic Science Press, First author (contracted; to be published in 2026).
3. *An Introduction to Innovation Transformation Management*. 2023. Economic Science Press. Authored Chapter 7, "Investment and Financing Management for Innovation Transformation."
4. *Investment and Financing Management and Intellectual Property Capitalization of Technology-Based Innovative Enterprises*. 2021. Economic Science Press, First author
5. *East Asian Economic and Trade Strategies and Their Interpretations*. 2019. Dongyang Publisher, First author
6. *Chinese Commerce- the language*. 2016. Dongyang Publisher, First author
7. *Business in China- the practice*. 2015. Dongyang Publisher, First author
8. *Introduction to Global Business*. 2013. Doonam Publisher, First author



Research Projects

1. China Ocean Development Research Association and the China Ocean Development Research Center Fund, Principal Investigator
"Performance Evaluation and Improvement Pathways for 'Responsible Innovation' in Modern Marine Industrial Parks Based on Industry Cluster-Driven Innovation."
2. 2020 Qingdao Municipal Social Science Planning Project, Principal Investigator
"Quantitative Assessment and Feature Analysis of Qingdao's Readiness for Digital Economy Development."
3. General Project funded by the China Postdoctoral Science Foundation, Principal Investigator
"Carrying Capacity of the Greater Yellow Sea Ecosystem and the Coordinated Regional Economic Development of China, Japan, and South Korea."
4. General Research Project of the Zhejiang Provincial Department of Education, Participant (position 2)
"Pathways for Zhejiang's Traditional Enterprises to Achieve Digital Transformation through Management Reform."
5. General Project of the Shandong Soft Science Research Program, Participant (position 3)
"Enhancing Marine Science and Technology Innovation Capacity in the Shandong Peninsula Blue Economy Zone."
6. Major Project of the Key Research Base for Humanities and Social Sciences, Ministry of Education, Participant (position 4)
"Construction of Large Marine Ecosystems and an Innovative Pilot Zone for Subregional International Ecological Development Cooperation."
7. General Project of the National Soft Science Research Program, Participant (position 4)
"Research on Mechanisms Ensuring the Security of China's Maritime International Cargo Resources."
8. New Century Excellent Talents Support Program (Philosophy and Social Sciences), Ministry of Education of the People's Republic of China, Participant (position 3)
"Research on Innovative Methods for the Economic Application of Marine Environmental Resource Technologies."



Honors Received

1. **2019 Shandong Province Outstanding Scientific Research Achievement Award**
(Shandong Provincial Department of Human Resources and Social Security)
2. **2018 Outstanding Humanities and Social Sciences Achievement for Shandong Higher Education Institutions** (Shandong Provincial Department of Education)
3. **2017 Major Scientific Research Contribution Award, Korean Society for Economic Management**
(National First Prize).
4. **2017 Excellent Research Talent Award, Korean Society for Economic Management**
(National First Prize).