

CV of JinHyo Joseph Yun

EDUCATION

- 2002 Korea University
- PhD in Technology Policy & Management,
 - Dissertation: “A Study on the Development of Technological Capability and the Transformation of Inward Foreign Direct Investment in Korea”
- 1997 Seoul National University
- MA in Public Policy,
 - Dissertation: “A Research on Specializing Policy of University of Science and Engineering”
- 1993 Korea University
- BA in Political Science
- ※ 2014 (Korea National Open University)
- BA in Computer Science

EDITORSHIP FOR ACADEMIC JOURNAL

- From 2015-Now Founding **Editor in Chief**, (Publishing Agency Elsevier)
Journal of Open Innovation: Technology, Market, and Complexity
(Scopus: Citescore 7.5, CiteScore Tracker 10.8)
<http://www.journals.elsevier.com/journal-of-open-innovation-technology-market-andcomplexity>
- From 2023.09 – Now Editor Member of
European Journal of Innovation Management (SSCI Q2)
- From 2017- Now Editor Member of
Knowledge Management Research and Practices (SSCI Q2)
- From 2022.01- Now Collaboration editor of
Science, Technology, and Society (SSCI, Sage Publishing, planning)
- From 2023- Now Managing Guest Editor of
European Journal of Innovation Management Special section for SOItmC (SSCI Q2)
- From 2018 -2022 Managing Guest Editor of
European Planning Studies, special issue of SOItmC (SSCI Q2)

From 2016 – 2022 Managing Guest Editor of
Science, Technology, and Society special issues of SOI_{tm}C (SSCI)

From 2016- 2017 Managing Guest Editor of
Technological Forecasting and Social Change special issue of SOI_{tm}C
(SSCI Q1)

From 2015 Editor Member of
Journal of Systems, Cybernetics, and Informatics

WORK EXPERIENCE

**1. Research Fellow, Visiting Professor, University of Hohenheim, Stuttgart, Germany
(2025. October - Now)**

2. Visiting Professor, Naples Federico 2 University, Academy course of Management.

(2023. February 28th – 2024. March 1st)

3. Visiting Professor, Seoul National University, the Graduate School of Public

Administration (2021. 2nd semester – 2022. 2nd semester)

4. Tenured Principal Researcher of DGIST (2005, May – Now)

- Tenured Researcher at Convergence Research Center for Future Automotive Technology
- Business Model (Patents) Development
- Open Innovation Strategy Research
- Computer simulation research on the relation between technology and market by System Dynamics, ABM, and others.

5. Professor at Management of Innovation (MOI) Program, DGIST (2018- 2020)

6. Professor at Open Innovation Academy of SOI_{tm}C (2016 September - Now)

7. Professor / Technology Management - Graduate School of Technological management, Chonnam National University (January 2011 – December 2011)

8. Visiting Professor - Gyeongnam National University of Science and Technology (November 2009 – October 2010)

- Conducted studies on business start-up
- Books published on business start-up

- Lectures on business start-up
 - Performed research on open innovation
 - Published open innovation textbooks
9. Senior Researcher (Tenure state) - Korea Institute of Science and Technology Evaluation and Planning under the Deputy Prime Minister for Science & Technology (May 2002 – May 2005)
 - Drawing up of nations' technology roadmap
 - Technology impact assessment
 - Technology predictions
 - Planning & drawing up of a master plan for the administration of former president Roh Mu-hyun, among others
 10. Research Fellow - Korea Research Council of Fundamental Science & Technology under the Prime Minister's Office (June 1989 – May 2002)
 - Drawing up of technology roadmap in life science area
 - Drawing up of technology roadmap in nano area
 - Evaluation of government-funded institute
 - Research & planning technology policies
 11. Research Fellow - Korea Environment Institute (September 1997 – April 1998)
 - Environmental impact assessment
 12. Associate - Korea Electric Power Corporation (December 1996 – August 1997)
 - Conducted public enterprise performance evaluation

ACADEMIC ACTIVITIES

1. The Founder and Organizing President of Society of Open Innovation: Technology, Market, and Complexity(SOI, www.openinnovaitontmc.org)
2. Organizing Chair of SOI and Meijo university 2019 conference
3. Organizing Chair of SOI and University of Naples Federico 2 2018 international conference.
4. Organizing Chair of SOI and Riga University 2017 international conference, 2017 June 15-18, Riga University, Latvia

5. Organizing Chair of SOI and CSCOM 2016 International conference, 2016 May 31-June 3, SJSU, USA.
6. Hosting Chair of SOI and WCI 2015 international conference, 2015 June 14-18, DGIST KOREA
7. Professor - Lecture on Business Model Developing at DGIST (2011 – 2018)
8. Research Commissioner - Korean Association of Governmental Studies (2008 – February 28, 2011)
9. Liaison Director - Seoul Association for Public Administration (January 1 – December 31, 2010)
10. General Affairs Commissioner, Society Member - Korean Association for Public Administration (January 1 – December 31, 2007)
11. Education and Employment Commissioner - Korean Association for Public Administration (January 1 – December 31, 2008)
12. Executive Director - Korean Association of Governmental Studies (March 1, 2008 – April 2009)
13. Executive Director - Seoul Association for Public Administration (March 2008 – December 2009)
14. Commissioner for the Special Committee of Policy Studies, Member of Education Society - Korean Association for Policy Studies (January 2007 – December 2007)
15. Director of Academic Information Committee - Korean Association for Local Governmental Studies (March 2007 – April 2009)
16. Society Fellow since 2003; Director, Technological Innovation Society - The Korean Society for Technological Innovation (January 1, 2007 – Present)
17. Editorial Board Member - Korean Society of Innovative Cluster (February 2008 – Present)
18. Editor - Korean Society for Innovation Management & Economics (March 2013 – Present)
19. Board of Directors , Editorial Board Director - Korea Association for Global Commerce and Cyber Trade (March 2013 – Present)
20. Associate Editor for Asian Pacific Journal of Innovation and Entrepreneurship (May 2013 – Present)
21. Editor for 2013 May Special Issue “Open Innovation, Knowledge City and Creative Economy” Asian Association of Business Incubation (May 2013 – Present)
22. Editorial Board Member - Journal of Economics and Business (December 2012 – Present)

23. Special Editor for article “Open Innovation and Service Industry” - International Journal of Knowledge-Based Development (September 2013)
24. Editor in Chief, Editorial Board - International Journal for Open Innovation: Technology, Market, and Complexity (June 2014 (to be published))

LECTURING CAREER

1. Design Thinking Based Open Innovation Business Model developing(2022.9-12), Seoul National University, Department of Design.
2. Open Innovation Policy 1(2022.3-8); Seoul National University, Graduate school of public administration.
3. Open Innovation Business Model annual Seminar (2012-2023, DGIST); First Korea Lecture course for Business Model Developing : 40 hours for one week/or one semester per week 3 hours
4. Open Innovation Academy of SOI 2017 international Lecture Course (November. 27th – December 06, 2017)
3. Lecturer - Business Model In New Venturing. Graduate Program, (Daegu-Gyeongbuk Institute of Science and Technology) DGIST (March 1, 2014 – August 31, 2015)
4. Lecturer - Business Model In New Venturing. Graduate program, (Daegu-Gyeongbuk Institute of Science and Technology) DGIST (March 1 – August 31, 2013)
5. Lecturer - Business Model Is New Venturing. Graduate program, DGIST (September 1 – December 31, 2012)
6. Lecturer - Business Model Is New Venturing. Graduate program, DGIST (March 1 – August 31, 2012)
7. Adjunct Professor - Graduate School of Business Management, Chonnam National University (January 1 – December 31, 2013)
8. Part-time Lecturer - Introduction to Policy Studies. Graduate School of Public Administration, Keimyung University (March 1– August 30, 2011)
9. Part-time Lecturer - Theory and Practice of Technology Policy. College of Engineering, Kyungpook National University (March 1– August 30, 2011)

10. Adjunct Associate Professor - Technology & Business Start-up, Etc. Gyeongnam National University of Science and Technology (November 2009 – October 2011)
11. Part-time Lecturer - Business Start-up in Electronic Trade Special Lecture for Electronic Trade and Seminar on MIS Case, Keimyung University (September 1 – February 2011)
12. Part-time Lecturer - Special Lecture on Electronic Trade and Commerce MIS Seminar, Keimyung University (September 2009 – February 2010)
13. Part-time Lecturer - Technology Management. Graduate School of Business Management, Keimyung University (March – August 2009)
14. Part-time Lecturer - Theory and Practice of Cluster. Department of Economics, Kyungpook National University (March – August 2009)
15. Part-time Lecturer - The Theory and Practice of Technology Policy; The Theory and Practice of Cluster. Department of Economics, College of Engineering, Kyungpook National University (March – August 2008)
16. Part-time Lecturer - Science & Technology Policy. Department of Public Administration, Keimyung National University (September 1, 2007 – February 2008)
17. Part-time Lecturer - The Theory and Practice of Innovative Cluster. Department of Economics, Kyungpook National University (March 2, 2007 – August 31, 2007)
18. Part-time Lecturer - Management of Science and Technology. Technology, Business Administration and Interdisciplinary Studies, Ewha University (March 2, 2007 – August 31, 2007)
19. Part-time Lecturer - Innovation System Theory. Joint graduate program in S&T studies, Korea University (September 1, 2006 – February 28, 2007)
20. Part-time Lecturer - R&D Management Theory. Graduate program, Kyungpook National University (September 1, 2006 – February 28, 2007)
21. Part-time Lecturer - Environmental Policy. Department of Environmental Science, Ewha University (September 1, 2006 – February 28, 2007)
22. Part-time Lecturer - Environmental Policy. Department of Environmental Science, Ewha University (September 1, 2005 – February 28, 2006)
23. Part-time Lecturer - Environmental Policy, Advanced Theories of Environmental Policy. Department of Environmental Science, undergraduate and graduate programs, Ewha University (September 1, 2004 – February 28, 2005)
24. Part-time Lecturer - Science Policy. Department of Biotechnology, Graduate Program, Korea University (March 1, 2004 – August 31, 2004)

25. Professor-Lecture on Business Model at KyungBuk National Univeristy (2015.9-2016.02).

SOCIAL ACTIVITIES

1. Committee Member, Cultural Planning Committee (March 2014 – 2015 Present)
 - Consult about cultural policies in Gyeongsangbuk-do
2. Economic Columnist for the Maeil Daily News (July 1, 2012 – June 30, 2013)
3. Advisor to Gyeongbuk Province's Green Growth Commission (December 2008 – June 2015 Present)
4. Investment Promotion Adviser to Daegu-Gyeongbuk Free Economic Zone Agency (November 2008 – 2009)
5. Manager, Public Institute Evaluation Team under the Ministry of Planning and Budget (February 2008 – December 2008)
6. Commissioner, Daegu Knowledge-based Industry Cluster Promotion Committee (February 20, 2007– February 20, 2008)
7. Planning Commissioner for Dalseo TFI Forum Dalseo-gu office, Daegu City (May 3, 2007 – 2008)
 - Acted as an adviser for the innovative cluster policy in Sungseo Industrial Complex, Dalseo-gu, Daegu
8. Columnist, “The Science” (Donga Daily News Webzine) (November 2008 – 2009)
9. Biweekly Columnist of “Yun, Jin-Hyo's Technology & Economy Light Touch” (November 2008 – 2009)
10. Guest Reporter and Movie Columnist, Yeongnam Daily News (February 2007 – December 2007)
 - Columnist for “Knowledge-based Economy in Movie”
 - “Knowledge-based Economy, Regional Development, and Movie”
11. Economic Columnist, Daegu CBS Radio Station (January 2007 – July 30, 2007)
12. Economic Columnist, Yeongnam Daily News (January – December 2006)
 - Wrote financial columns and editorials—monthly columns
13. Commissioner for the local administration, Daegu Metropolitan City (October – December 2006)
 - Daegu industrial development roadmap planning committee

- General committee commissioner
14. Government-affiliated Organizations Public Performance Evaluation Team, Ministry of Planning and Budget (March 2 – December 2007)
 - Evaluate major projects conducted by government-affiliated organizations
 15. Innovation Consulting Team, Ministry of Planning and Budget (September – December 2006)
 - Commissioner of innovation consulting team of public institutions
 - Innovation consulting commissioner for government-funded research institutes
 16. Scientific and Technical Administration Reorganization TFT, Presidential Committee on Government Innovation & Decentralization (February – July 2004)
 - Commissioner for Scientific and Technical Administration Reorganization TFT

PUBLISHED PAPER LIST

1. Yun, J. J., Zhao, X., Del Gaudio, G., Della Corte, V., & Yigitcanlar, T. (2025). Tracing post-capitalism in cities: Insights from the commercial capitalism's birthplaces—Genova, Milan, and Naples. *Cities*, 158, 105715.
2. Yun, J. J., Zhao, X., Koo, I., Sadoi, Y., & Pyka, A. (2025). Open innovation and digital transformation in the automotive industry: a comparative analysis of South Korea, Japan and Germany. *European Journal of Innovation Management*.
3. Yun, J. J., Zhao, X., & Ahn, H. (2025). Open Innovation Over the Regional and National Boundaries in the Semiconductor Industry: The Effects of Digital Transformation and Decoupling of the Global Value Chain. *Science, Technology and Society*, Vol.30, Issue 1, 7-29.
4. Yun, J. J., Zhao, X., Jeong, E., Ahn, H., & Park, K. (2024). Micro open innovation dynamics under inter-rationality. *Technological Forecasting and Social Change*, 201, 123263.
5. Yun, J.J.(corr.), Kim B.(Co-corr.), Zhao X., Jeong E., and Ahn J., (2024). Open innovation signals: Exploring the financial data with patents. *Science, Technology, and Society*, DOI: 10.1177/09717218241238202
6. Yun, J.J.(Corr.), Zhao X., Liu Z., (2024). Regulation architecture of open innovation under digital transformation: case study on telemedicine and for-profit-hospital. *Journal of Open Innovation: Technology, Market, and Complexity*, Vol 10, issue

100252.

7. Yun, J. J., Zhao, X., Del Gaudio, G., Della Corte, V., & Sadoi, Y. (2023). Leveraging business model innovation through the dynamics of open innovation: a multi-country investigation in the restaurant industry. *European Journal of Innovation Management*.
8. Yun JHJ.(Corr.), Zhao X., Jeong E, Kim S., Kim K., Hahm SD.(2023) The Signal of Post Catch-up in Open Innovation Dynamics. *Science, Technology, and Society*, DOI: 10.1177/097172182311160355.
9. Yun J.H.J. Philip Cooke, Kwangho Jung & Bo Yang. (2022). Theme issue: open innovation and 'catch-up': globalist or localist? . *European Planning Studies*, DOI: 10.1080/09654313.2022.2146942.
10. Yun. J.H.J., Zhao X., Park K., Valentina. D.C., Giovanna D. G., (2022). The way to the 'comedy of commons' of a new business model - finding from Naples in Italy, and Jeju Island in South Korea. *European Planning Studies*, Vol 31, No 5, 947-973, DOI: 10.1080/09654313.2022.2132780. (2022.10.25 online)
11. Yun. J.H.J., Xhao X., Ma. L., Liu Z., Yang B., (2022). Open Innovation Dynamics and Evolution in the mobile payment industry - comparative analysis among Daegu, Cardiff, and Nanjing, *European Planning Studies*, Vol. 31, No. 5, DOI: 10.1080/09654313.2022.2132784 (2022,10.12 online)
12. **Yun JHJ.**, Ahn, H. J., Lee, D. S., Park, K. B., & Zhao, X. (2022). Inter-rationality; Modeling of bounded rationality in open innovation dynamics. *Technological Forecasting and Social Change*, 184, 122015.
13. **Yun JHJ.**, Zhao X., Ma. L., Xu Z., Liu Z., (2022) "Open Innovation and multi homing of delivery platforms: comparative study of Cardiff, Daegu, and Nanjing. *European Planning Studies*, Doi; 10.1080/09654313.2022.2069463
14. **Yun JHJ.** (2022). About Capital and Ideology by Thomas Piketty. *Journal of Open Innovation: Technology, Market, and Complexity*, 8(2), 76.
15. **Yun JHJ.** Zhao X., Kim S., Sadoi Y.(2022) "Open innovation dynamics of furniture design and function; The difference between IKEA and Nitori". *Science, Technology, and Society*, DOI: 10.1177/0971721822107490
16. **Yun JHJ.**, Liu Z., Jeong E., Kim S., Kim K., (2022). "The difference in open innovation between open access and closed access, According to the change of collective intelligence and knowledge amount", *Sustainability*. Vol. 14, Issue 2574, pp 1-19
17. **JinHyo Joseph Yun(Corr.) etc. (2021).** "New dominant design and knowledge management; a reversed U curve with long head and tail" *Knowledge Management Research & Practice*. Do; 10.1080/147782238.2021.1963197.

18. **JinHyo Joseph Yun(Corr.)** etc. (2021) . “Introduction: Ambidextrous Open Innovation In the 4th Industrial Revolution” *Science, Technology, and Society*, DOI: 10.1177/0971721821100696
19. **JinHyo Joseph Yun(Corr.)** etc. (2021) . “Collective intelligence: The creative way from knowledge to Open Innovation” *Science, Technology, and Society*, DOI: 10.1177/09717218211005604
20. **JinHyo Joseph Yun(Corr.)**, Xiaofei Zhao(2020). “Business Model Innovation through a Rectangular Compass: From the Perspective of Open Innovation with Mechanism Design” *Journal of Open Innovation: Technology, Market, and Complexity*. Vol. 6, Issue 4, number 131.
21. JinHyo Joseph Yun(Corr.), Xiaofei Zhao(Corr.), KwangHo Jung & Tan Yigitcanlar(2020) “The Culture for Open Innovation Dynamics”. *Sustainability*. Vol. 12, Issue 5076. Pp. 1-21
22. JinHyo Joseph Yun(Corr.), KyungBae Park, Giovanna Del Gaudio & Valentina Della Corte(2020) “Open Innovation ecosystems of Restaurants: Geographical Economics of successful Restaurants from three Cities, *European Planning Studies*, <https://doi.org/10.1080/09654313.2020.1721438>.
23. JinHyo Joseph Yun(Corr.), Xiaofei Zhao, Jinxi Wu, John C. Yi, KyungBae Park, Woo Young Jung(2020) “Business Model, Open Innovation, and Sustainability in the Car Sharing Industry-Comparing Three Economies, *Sustainability*, Vol. 12, Issue 1883, pp 1-27.
24. JinHyo Joseph Yun(Corr.), DaeCheol Kim, Min-Ren Yan(2020) “Open Innovation Engineering-Preliminary Study on New Entrance of Technology to Market”, *electronics*, Vol.9, Issue 791, pp 1-10.
25. JinHyo Joseph Yun(Corr.), Xiaofei Zhao, KyungBae park, Lei Shi (2020) “Sustainability Condition of Open Innovation: Dynamic Growth of Alibaba from SME to Large Enterprise” *Sustainability* Vol. 12, Issue 4379, pp 1-25.
26. Janine Dermody, **JinHyo Joseph Yun** & Valentina Della Corte (2019), "Innovations to advance sustainability behaviors", *The service Industries Journal*. Vol. 39. No. 15-16.

page 1029-1033.

27. Philip Cooke, **JinHyo Joseph Yun**, Xiaofei Zhao, YoungDuk Kim (2019), "The digital, quaternary or 4.0 web economy: aspects, effects and implications, *International Journal of Knowledge Based Development*, Vol. 10, No. 3, pp. 193-222
28. JinHyo Joseph Yun(Corr.), MinHwa Lee(Corr.), KyunbBae Park, Xiaofei Zhao(2019). "Open Innovation and Serial Entrepreneurs", *Sustainability*. Vol. 11, No 5055, pp. 1-31.
29. JinHyo Joseph Yun(Corr.), EuiSeob Jeong, Xiaofei Zhao, Sung Deuk Hahm, and KyungHun Kim (2019) "Collective Intelligence: An Emerging World in Open Innovation, " *Sustainability*, Vol. 11, No. 4495, pp. 1-15.
30. JinHyo Joseph Yun(Corr.), KyungBae Park, Sung Duck Hahm, and Dongwook Kim (2019) "Basic Income with High Open Innovatoin Dynamics: The Way to the Entrepreneurial State," *Journal of Open Innovation; Technology, Market, and Complexity*, Vol 5, Issue 3, No 41.
31. JinHyo Joseph Yun(Corr.), Zheng Liu(Corr.) (2019) "Micro- and Macro- Dynamics of Open Innovation with a Quadruple-Helix Model," *Sustainability*, Vol. 10, issue 3301, pp. 1-17.
32. JinHyo Joseph Yun(Corr.), DongKyu Won, KyungBae Park, EuiSeob Jeong, Xiaofei Zhao (2019) "The role of a business model in market growth: The difference between the converted industry and the emerging industry", *Technological Forecasting and Social Change*, Vol. 146, pp 534-562.(September)
33. JinHyo Joseph Yun (Corr.), Abiodun A. Egbetoku, and Xiaofei Zhao(2019). "How does a social open innovation succeed? Learning from Furro Battery and Grassroots Innovation Festival of India", *Science, Technology, and Society*, DOI 10.1177/0971721818806101
34. JinHyo Joseph Yun(Corr.), Zhao X., Yigitanlar T., Lee D., Ahn H. (2018). "Architectural Design and Open Innovation Symbiosis: Insights from Research Campuses, Manufacturing Systems, and Innovation Districts", *Sustainability*, Vol. 10, No. 4495. pp 1-23.

35. JinHyo Joseph Yun(Corr.) Won D.G., Park K.B.(2018). "Entrepreneurial Cyclical Dynamics of Open Innovation", *Journal of Evolutionary Economics*, Vol. 28, Issue 1. pp 1151-1174. <https://doi.org/10.1007/s00191-0118-0596-y>.
36. JinHyo Joseph Yun, EuiSeob Jeong, YoungKyu Lee, and KyungHun Kim(2018). "The Effect of Open Innovation on Technology Value and Technology Transfer: A comparative analysis of the automotive, Robotics, and Aviation industries of Korea". *Sustainability*
37. MinHwa Lee, JinHyo Joseph Yun(Corr.) et al.(2018). "How to Respond to the Fourth Industrial Revolution, or the Second Information Technology Revolution? Dynamic New Combinations between Technology, Market, and Society through Open Innovation." *Journal of Open Innovation; Technology, Market, and Complexity. Vol. 4. No 3, 21. pp 1-24.*
38. Yun JinHyo Joseph(Corr.), JeongHwan Jeon(Corr.), KyungBae Park, and Xiaofei Zhao(2018). "Benefits and Costs of Closed Innovation Strategy: Analysis of Samsung's Galazy Note 7 Explosion and Withdrawal Scandal. " *Journal of Open Innovation; Technology, Market, and Complexity. Vol. 4. No 3, 20. pp 1-20.*
39. Yun JinHyo Joseph(Corr.), Xiaofei Zhao & SungDeuk Hahm (2018) . "Harnessing the value of open innovation: change in the moderating role of absorptive capability." *Knowledge Management Research Practice. Vol 18. No. 2. pp 1-11.*
40. Yun, JinHyo Joseph(Corr.), KwangHyo Jung, and Tan Yigitcanlar (2018). "Open Innovation of James Watt and Steve Jobs: Insights for Sustainability of Economic Growth." *Sustainability* Vol.10, no. 5, pp 1-16.
41. Yigitcanlar, T., Kamruzzaman, M., Buys, L., Ioppolo, G., Sabatini-Marques, J., da Costa, E. M., & Yun, J. J. (2018). "Understanding 'smart cities': Intertwining development drivers with desired outcomes in a multidimensional framework". *Cities*
42. Yun J.H.J., Mohan Avvari V., Zhao X. (2017). "Collectivism, Individualism and Open Innovation: Introduction to the Special Issue on Technology, Open Innovation, Markets and Complexity". *Science, Technology, and Society. Vol 22. No 3, 379-387*
43. Yun J.H.J., Park K.B., Im Ch.J., Shin C.H., Zhao X. (2017). "Dynamics of Social Enterprises-Shift from Social Innovation to Open Innovation". *Science, Technology, and*

Society, Vol. 22. No 3, 425-439

44. Yun J.H.J., Jeong E.S., Lee C.H., Park J.S., Zhao X.(2017). “Effect of Distance on Open Innovation: Differences among Institutions According to Patent Citation and Reference” *Sustainability* 9(1478). Pp. 1-15.
45. Yun J.H.J., Wan D.K., Jeong E.S., Park K.B., Lee D.S.(2017). “Dismantling of the Inverted U-Curve of Open Innovation”. *Sustainability*, 9(1423). pp. 1-17.
46. Yun J.H.J., Tan Yigitcanlar(2017), “Open Innovation in Value Chain for Sustainability of Firms”. *Sustainability*, 9(811), p. 1-8.
47. Yun J.H.J., Cooke P., Park J.Y., (2017). "Evolution and variety in complex geographies and enterprise policies". *European Planning Studies*, Vol. 25, No 5, pp 729-738.
48. Yun J.H.J., et al. (2017). "Growth of a platform business model as an entrepreneurial ecosystem and its effects on regional development", *European Planning Studies*, Vol. 25, No. 5, pp. 805-826.
49. Yun J.H.J., Park K.B., Kim J.H. (2016). “Open Innovation Effort, Entrepreneurship Orientation and Their Synergies onto Innovation Performance in SMEs of Korea”. *Science, Technology and Society*. 21-3. pp
50. Yun J.H.J., Park K.B.(2016). “ How User Entrepreneurs Succeed: The Role of Entrepreneur’s Caliber and Networking Ability in Korean User Entrepreneurship”, *Science, Technology, and Society*. 21-3.
51. Yun J.H.J.(Corresponding), Yang J.H., Park K.B. (2016). “Open Innovation to Business Model: New Perspective to Connect between Technology and Market”, *Science Technology and Society* 21(3). 1-25
52. Yun J.H.J. (2016). “Open Innovation; Technology, Market, and Complexity in South Korea”. *Science, Technology and Society*. Vol. 21, Issue 3, pp. 319-323.
53. Yun J.H.J., Lee D.S., Ahn H.J., Park K.B., Yigitcanlar T., (2016). “Not Deep Learning but Autonomous Learning of Open Innovation for Sustainable

- Artificial Intelligence”, *Sustainability*. 8, 797. 1-20
54. Yun J.H.J., Jeong E.S., Park J.S., (2016). “Network Analysis of Open Innovation”, *Sustainability*. 8, 729. 1-21.
 55. Yun J.H.J., Won D.K., Park K.B. (2016). “ Dynamics from open innovation to evolutionary change”, *Journal of Open Innovation: Technology, Market and Complexity*. Vol 2. No. 7.
 56. Yun J.H.J., Leem Y.T. (2016). “ Editorial: The smart city as an open innovation Knowledge city”, *International Journal of Knowledge Based Development*, Vol. 7, No. 2. Pp. 103-106.
 57. Yun J.H.J., Park K.B., Yang J.H., Jung W.Y. (2016). “ The philosophy of open innovation: historical development of the philosophy of Open Innovation and its reflection from Taoism”, *Journal of Science and Technology Policy Management*, Vol. 7, Issue 2, pp. 134-153.
 58. Yun J.H.J.(First and Corresponding author), Won D.K., Jeong E.S., Park K.B., Yang J.H., Park J.Y.(2016). “The relationship between technology, Business Model, and market in autonomous car and intelligent robot industries”. *Technology Forecasting and Social Change*. Vol 103. pp. 142-155.
 59. Yun J.H.H. (2016) “Open Innovation: Technology, Market, and Complexity in South Korea”. *Science, Technology and Society*, Vo. 21, Issue 3, pp 319-323.
 60. Yun J.H.J. (2015). “How do we conquer the growth limits of capitalism? Schumpeterian Dynamics of Open Innovation”. *Journal of Open Innovation: Technology, Market, and Complexity*. Vol. 1. No 17. 1-20
 61. Yun J.H.J., Jeong E.S., Yang J.H. (2015) “Open Innovation of Knowledge cities”. *Journal of Open Innovation: Technology, Market, and Complexity*. Vol. 1. No. 16. 1-20.
 62. Kong-Rae Lee, JinHyo Joseph Yun and Eui-Seob Jeong.(2015) “Convergence innovation

of the textile machinery industry in Korea” *Asian Journal of Technology Innovation*, Vol. 23. No. S1. pp. 58-73.

63. JinHyo Joseph Yun et al.(2015). “ The Effect of Initial Public Offering(IPO) on Open Innovation: Findings from Seoul Digital Complex(SDC), *Korea Start-up Journal* . Vol. 10, No. 1, pp. 162-186.
64. JinHyo Joseph Yun et al.(2015). “Knowledge Strategy, and Business Model Conditions for Sustainable Growth of SMEs”, *Journal of Science and Technology Policy Management*. Vol. 6, Issue 3. pp. 246-262.
65. JinHyo Joseph Yun et al.(2015) “Analyzing and Simulating the effects of open innovation policies: Application of the results to Cambodia” *Oxford Journal of Science and Public Policy* (2015) 42. pp. 743-760
66. JinHYo Joseph Yun(2014). “Why do we need open innovation: a letter from the guest editor.” *Asia Pacific Journal of Innovation and Entrepreneurship*. Volume 8, No. 1. pp 9-1
67. Yang and Yun(corresponding author) (2014). “New perspectives on open innovation from game theory: The Prisoners’ Dilemma and the Ultimatum Game”, *Asia Pacific Journal of Innovation and Entrepreneurship*. Volume 8, No. 1. pp. 39-57.
68. Yun J.H.J., Mohan A.V., Jeong Y.S., Lim D.W. (2014). “Introduction of an objective model to Measure open innovation and its application to the information technology convergence sector”, *International Journal of Technology Policy and Management*. Vol 14. No 4.
69. JinHyo Joseph Yun, BongJin Cho(2014). “An Exploratory Study of the Economic Effect of Open Innovation”. *Journal of science and technology policy management*, Vol 5, Issue 1.
70. JinHyo Joseph Yun, Irene Muflikh Nadhiroh, & Woo Young Jung (2013). “The relationship between open innovation, entrepreneurship, and introduction of new business models in Korean and Indonesian information technology enterprises”. *Korean Social Science Journal*, Vol. 40, No.2. pp. 81-99.
71. JinHyo Joseph Yun & Woo Young Jung (2013). “Open innovation of SMEs in manufacturing from OI structure model”. *Asia Pacific Journal of Innovation and Entrepreneurship*, Vol. 7, No.1.
72. JinHyo Joseph Yun, Woo Young Jung, & Sang Pyo Kim (2013) “A study on the open innovation of the Korea aeroplane industry according to the spin-offs and partnership”.

International Commerce and Information Review, Vol. 15, No. 2. pp. 163-185.

73. Jin-Hyo Joseph Yun et al. "Is there any difference in the effect of open innovation according to the product life cycle?: Revisiting the relationship between product life cycle and trade". *Journal of International Trade & Commerce*, Vol. 9, No. 2.
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 24. Research Director. Research data 2005-04 - "Documentary survey into science and technology policy study: 1995-2004". Yun Jin-Hyo et al. (2005). KISTEP, Seoul.
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 26. Research Director. Research data 2005-06 - "Innovation management". You Hee-Yul, Yun Jin-Hyo, Park Goo-Sun, & Koh Yong-Soo (translation: 2005). KISTEP. Seoul.
 27. Research Director. Research data 2005-03 - "Innovation: Application knowledge to development". You Hee-Yul, Yun Jin-Hyo, & Park Goo-Sun (translation: 2005). Korea Institute of S&T Evaluation and Planning (KISTEP). Seoul.
 28. Research Manager - "Building and utilizing expert network for national science & technology evaluation and planning invigoration". Park Byung-Moo et al. (2003). KISTEP. Seoul.
 29. Research Manager, General Subcommittee Commissioner - "The former government's science & technology master plan". Park Byung-Moo et al. (2003). KISTEP. Seoul.
 30. Research Scholar - "S&T manpower cultivating master plan". Park Jae-Min et al. (2003).

S&T Policy Institute. Seoul.

31. Research Scholar - “Planning study on Jeonbuk S&T development program”. Park Jae-Min et al. (2003). S&T Policy Institute. Seoul.
32. Research Scholar - “A study on new S&T policy development and strategic planning support”. Lee Jang-Jae et al. (2002). KISTEP. Seoul.
33. Research Scholar - “National technology Roadmap”. Park Byung-Moo et al. (2002). KISTEP. Seoul.
34. “Study on IT based Open Innovation Strategy and Business Model

Developing for motivating creative economy”(2015) JinHyo Joseph Yun and JungHo Yang

Awards

2016

1. Wonderful paper award

Yun J.H.J., Park K.B., Shin C.H., Lee S.I., (2016) “Dynamics of Social Enterprises – Shift from Social Innovation to Open Innovation”, SOItmC and CSCOM 2016 conference, May 31-June 3, San Jose State University.

2. Best paper Award

Yun J.H.J., Won D.K., (2016) “Dynamics from open innovation to evolutionary change”, SOItmC and CSCOM2016 conference, May 31-June 3, San Jose State University.

3. Beautiful paper Award

Yun J.H.J., Won D.K., Park K.B., Yang J.H., (2016) “Growing up of Platform Business Model as Entrepreneurial Ecosystem and its effects on regional development”, SOItmC and CSCOM2016 conference, May 31-June 3, San Jose State University.

4. Fantastic paper Award

Yun J.H.J., Lee D.S., Ahn H.J., Park K.B., (2016) “Not deep learning but autonomous learning of open innovation for sustainable artificial intelligence”, SOItmC and CSCOM 2016

conference, May 31-June 3, San Jose State University

2017

5. Best paper award

Yun J.H.J., Park K.B., Jeon J.H. Zhao X. (2017) “ Benefits and Costs of Closed Innovation Strategy: Analysis of Samsung Note & Battery Explosion”, SOItmC and RTU 2017, June 15-18, Riga Technological University.

6. Most Cited paper.

Yun J.H.J., Won D.K., Park K.B. (2016). “Dynamics from open innovation to evolutionary change. *Journal of Open Innovation: Technology, Market, and Complexity* 2017-7.

7. Most Cited paper

Yun J.H.J., Won D.K., Park K.B. (2016). “Dynamics from open innovation to evolutionary change. *Journal of Open Innovation: Technology, Market, and Complexity. Vol. 2 (7)*.

2018

8. Dynamic Complexity – Best Paper Award

MinHwa Lee, JinHyo Joseph Yun(Corr.) et al.(2018). “How to Respond to the Fourth Industrial Revolution, or the Second Information Technology Revolution? Dynamic New Combinations between Technology, Market, and Society through Open Innovation.” *Journal of Open Innovation; Technology, Market, and Complexity. Vol. 4. No 3, 21. pp 1-24.*

9. Open Business Model – Good Paper Ward

JinHyo Joseph Yun, MinHwa Lee, KyungBae Lee, Xiaofei Zhao (2018). “Does Open Innovation Motivate Serial Entrepreneurs? ” In *SOItmC & DEMI of the UNINA 2018 proceeding, 26 June – 29 June 2018*.

2019

10. Most Cited Paper Award

MinHwa Lee, JinHyo Joseph Yun *, Andreas Pyka, DongKyu Won, Fumio Kodama, Giovanni Schiuma, HangSik Park, Jeonghwan Jeon, KyungBae Park, KwangHo Jung, Min-Ren Yan, SamYoul Lee & Xiaofei Zhao (2018). “How to Respond to the Fourth Industrial Revolution, or the Second Information Technology Revolution? Dynamic New Combinations between Technology, Market, and Society through Open Innovation” *Journal of Open Innovation; Technology, Market, and Complexity. Vol. 4. No 3, 21. pp 1-24*.

11. Most Accessed Paper Award

MinHwa Lee, JinHyo Joseph Yun *, Andreas Pyka, DongKyu Won, Fumio Kodama, Giovanni Schiuma, HangSik Park, Jeonghwan Jeon, KyungBae Park, KwangHo Jung, Min-Ren Yan, SamYoul Lee & Xiaofei Zhao (2018). “How to Respond to the Fourth Industrial Revolution, or the Second Information Technology Revolution? Dynamic New Combinations between Technology, Market, and Society through Open Innovation” *Journal of Open Innovation; Technology, Market, and Complexity. Vol. 4. No 3, 21. pp 1-24*.

12. Most Cited Paper Award

JinHyo Joseph Yun *, Jeonghwan Jeon, KyungBae Park, Xiaofei Zhao (2018). “Benefits and Costs of Closed Innovation Strategy: Analysis of Samsung's Galaxy Note 7 Explosion and Withdrawal Scandal” *Journal of Open Innovation; Technology, Market, and Complexity. Vol. 4. No 3, 20. pp 1-20*.

13. Best Paper Award

JinHyo Joseph Yun *, Xiaofei Zhao, , KyungBae Park, Yuri Sadoi, Giovanna Del Gaudio (2019). “Dominant Design and Evolution of Electronic Bicycles -Geographic Economics of Three Cases, Daegu South Korea, Naples Italy, and Nagoya Japan” In *SOItmC & Meijo University 2019, 28 June – 01 July 2019*.

14. Best Paper Award

JinHyo Joseph Yun(Corr.), Xiaofei Zhao, KyungBae Park, Yuri Sadoi, Giovanna Del Gaudio(2019). “ Reverse U Curve with long tale at a converted new industry case” Korea technology innovation society 2019 Autumn Conference at Jeju Island HanHwa Condominium on November 6th-9th 2019.

2020

15. Most cited paper awards.

JinHyo Joseph Yun(Corr.), KyungBae Park, Sung Duck, Dongwook Kim(2019) “Basic Income with high open innovation dynamics: The way to the entrepreneurial state” *Journal of Open Innovation; Technology, Market, and Complexity*, Vol. 5, Issue 41, pp 1-17.

16. Gold Poster Award

JinHyo Joseph Yun(Corr.), Ahn H., Lee D., Park, K. , Zhao X. (2020) “ Bounded rationality in open innovation dynamics: inter-rationality” for SOI & Oklahoma State Univ. 2020 Conference, 10 July-13 July , 2020.

2021

17. Gold Poster Award

JinHyo Joseph Yun(Corr.), Ahn H. Park K. Jeong E. (2021) “Micro Dynamics of Open

Innovation under the Inter-Rationality Modeling and Validating the Diversity in cost, benefit, and time-lag”. SOI & Riga Technical University 2021 Conference, Online & Offline(DGIST), Daegu, Korea

2022

18. Best Paper Award

JinHyo Joseph Yun(Corr.), Xiaofei Zhao, Yang Bo, Zheng Liu, KwangHo Jung, Philip Cooke (2022). "Regulation conversion at telemedicine of UK and Korea in digital transformation; - The way to growing up new industry with open innovation dynamics”, SOI & Swansea University 2022 Conference, Swansea University & Online

19. Best Poster Award

Yun J.H.J(Corr.), BongHwan Kim*, Zhao, Xiaofei, EuiSeob Jeong, Joonggi Ahn. “Study on the open innovation signal in financial statement of firms”, SOI & Swansea University 2022 Conference, Swansea University & Online

20. Best Poster Award

Yun J.H.J(Corr.), Zhao, Xiaofei, Jeong, Eui Seob, Ahn, Heungju, Park, KyungBae. “Modeling and Simulation of Open Innovation Micro Dynamics in Cost, Benefit, and Time-Lag”, SOI & Swansea University 2022 Conference, Swansea University & Online

21. Best Poster Award

Yun J.H.J(Corr.), Juhyun Eune*, Zhao, Xiaofei. “Quadruple Compass of Business Model Design, and Innovation: Design Thinking for Creative Open Innovation, and Open Business Model”, SOI & Swansea University 2022 Conference, Swansea University & Online

22. Outstanding Academic Award

Yun J.H.J(2022.09.06). “2021 Outstanding Academic Award at DGIST”, DGIST, Korea

2024

23. Best Paper Award

Yun JHJ.(Corr.), Zhao X., Ahn H., Park K., (2024) “The inter-rationality of open innovation dynamics to individual AI” SOI & Riga Technological University 2024 Conference, Riga

Technological University. 2024 July 8-12

24. DGIST Research Paper Silver Medal

Yun JHJ. DGIST Silver Medal on Research Paper Publishing in DGIST Converse Research Institute (only 3 totals until now)

25. DGIST Gold Gate-Name-Tag for Global Journal Editor-in-Chief's academic activities.

2025

26. 20th DGIST Visionary Award - Innovation Award in the Research and Innovation Category

27. Yun JHJ. DGIST Gold Medal on Research Paper Publishing in DGIST Converse Research Institute

28. Best Paper Award

JinHyo Joseph Yun*, Xiaofei Zhao, Kyungbae Park, Heungju Ahn*, Zheng Liu, Tan Yigitcanlar(2025.07.16). How does the campus architecture design motivate open innovation?- Comparative analysis among Apple park campus, Dyson Malmesbury campus, and DGIST campuses, Society of Open Innovation: Technology, Market, and Complexity 2025 10th Anniversary Conference. DGIST, Daegu, Korea, 2025.07.14-07.18

29. Best Paper Award

JinHyo Joseph Yun*, Andreas Pyka*, Xiaofei Zhao, Yuri Sadoi, Heongu Lee(2025.07.18). Open innovation of firms in the semiconductor value chain; Global patent analyses and case studies of firms in South Korea, Japan, and Germany, Society of Open Innovation: Technology, Market, and Complexity 2025 10th Anniversary Conference. DGIST, Daegu, Korea, 2025.07.14-07.18

30. Best Poster Award

JinHyo Joseph Yun*, Juhyun Eune*, Xiaofei Zhao, Giovanna Del Gaudi, Valentina Della Corte, Thierry Burger-Helmchen(2025.07.18). Capitalization of Contemporary Art: The Reverse Structure of Open Innovation, and the Price Paradox, Society of Open Innovation: Technology, Market, and Complexity 2025 10th Anniversary Conference. DGIST, Daegu, Korea, 2025.07.14-07.18

31. Best Poster Award

JinHyo Joseph Yun*, Andreas Pyka*, Xiaofei Zhao, Yuri Sadoi, Heongu Lee(2025.07.18). Open innovation of firms in the semiconductor value chain; Global patent analyses and case studies of firms in South Korea, Japan, and Germany, Society of Open Innovation: Technology, Market, and Complexity 2025 10th Anniversary Conference. DGIST, Daegu, Korea, 2025.07.14-07.18