

Introduction of DGIST OI&BM Lab

Published Papers, Books & BM in Recent Years

***Welcome your collaboration requirement.**

2019

- Yun J.H.J. et al. (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*. doi.org/10.1016/j.techfore.2019.04.24
- Yun J.H.J. et al. (2019)** "How Does a Social Open Innovation Succeed? Learning from Burro Battery and Grassroots Innovation Festival of India". *Science Technology, and Society*. Vol. 24, No. 1. pp 122-143.

2018

- Yun J.H.J. et al. (2018)**. "Architectural Design and Open Innovation symbiosis: In sights from Research Campuses, Manufacturing Systems, and Innovation Districts" *Sustainability Vol. 10, Issues 4495*, pp. 1-23.
- Yun J.H.J. et al. (2018)**. "Entrepreneurial cyclical dynamics of open innovation," *Journal of Evolutionary Economics*, Vol. 28. issue 1. pp 1151-1174. doi 10.1007/s00191-018-0596-y
- Yun J.H.J. Jeong et al. (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*. Vol(10), Issue(2450), pp. 1-16.
- Lee MinHwa, Yun J.H.H.(Corr.) Pyka, Kodama, Schiuma 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. issue 21.
- Yun J.H.J., et al (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. issue 20.
- Yun J.H.J., et al. (2018)**. "Harnessing the value of open innovation: change in the moderating role of absorptive capability." *Knowledge Management Research & Practice*.
- Yun J.H.J., Jung K., Yigitcanlar T. (2018)**. "Open Innovation of James Watt and Steve Jobs: Insights for Sustainability of Economic Growth", *Sustainability*. Vol. 10, Issues 1553, pp 1-16.
- Tan Y. ----- Yun J.H.J. (2018)**. "Understanding 'smart cities': Intertwining development drivers with desired outcomes in a multidimensional framework", *Cities*.

2017

- Yun J.H.J., Park K.B., Im C.J., Shin C.H., Zhao X.(2017)**. "Dynamics of Social Enterprises-Shift from Social Innovation to Open Innovation". *Science, Technology, and Society*, https://doi.org/10.1177/0971721817723374
- Yun J.H.J., Zhao X. et al. (2017)**. "Effect of Distance on Open Innovation : Differences among Institutions According to Patent Citation and Reference", *Sustainability*, 9(1478). pp. 1-15
- Yun J.H.J., Tan Y., et al. (2017)**. "Dismantling of the Inverted U-Curve of Open Innovation". *Sustainability*, 9(1423). pp. 1-17.
- Yun J.H.J., and Tan Yigitcanlar (2017)**. "Open Innovation in Value Chain for Sustainability of Firms". *Sustainability*, 9(811), P. 1-8.
- Yun J.H.J., (2017)**. "Business Model Design Compass: Open Innovation Funnel to Schumpeterian New Combination Business Model Developing Circle.", Springer Press.
- Yun J.H.J., Cooke P., Park J.Y., (2017)**. "Evolution and variety in complex geographies and enterprise policies". *European Planning Studies*, February 8th Online publishing.
- 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*, February 6th Online publishing

2016

- Yun J.H.J., et al. (2016)**. "Open Innovation Effort, Entrepreneurship Orientation, and Their Synergies onto Innovation Performance in SMEs of Korea", *Science Technology and Society*, 21(3), pp 366-390.
- Yun J.H.J., et al. (2016)**. "How User Entrepreneurs succeed: the role of entrepreneur's caliber and networking ability in Korean User Entrepreneurship", *Science, Technology, and Society*, 21(3), pp 391-409.
- Yun J.H.J., et al. (2016)**. "Not Deep Learning but Autonomous Learning of Open Innovation for Sustainable Artificial Intelligence", *Sustainability*, 8, 797. 1-20
- Yun J.H.J., et al. (2016)**. "Network Analysis of Open Innovation", *Sustainability*, 8, 729. 1-21.
- Yun J.H.J., et al. (2016)**. "Dynamics from open innovation to evolutionary change", *Journal of Open Innovation: Technology, Market and Complexity*. Vol 2. No. 7.
- Yun J.H.J., et al. (2016)**. "Editorial: The smart city as an open innovation Knowledge city", *International Journal of Knowledge Based Development*, Vol. 7, No. 2. Pp. 103-106.
- Yun J.H.J., et al. (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.
- Yun J.H.J., et al. (2016)**. "Open Innovation to Business Model: New Perspective to Comment between Technology and Market", *Science Technology and Society* 21(3), pp 1-25.
- Yun J.H.J., et al. (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.
- 윤진호 외(2016)** [창조적 기업가정신 함양을 위한 비움에 관한 명상; 노자에게 개방형 혁신의 길을 묻다], 서울: 북&월드 (Yun JHJ et al. (2016) *Meditation on Vancancy for Open Innvoation*. Seoul : Book & World.)

2015

- 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*. No 17. pp. 1-20.
- Kong-Rae Lee, JinHyo Joseph Yun and Eui-Suob Jeong.(2015)**. "Convergence innovation of the textile machinery industry in Korea". *Asian Journal of Technology Innovation* Vol. 23. S1. pp.58-73.
- Yun J.H.J. 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*. Vol. 42, pp. 743-760.
- Yun J.H.J. 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.
- Yun J.H.J., et al.(2015)**. "Open Innovation of Knowledge Cities". *Journal of Open Innovation: Technology, Market, and Complexity*. 2015 Nol. 16. pp. 1-20.
- Yun J.H.J., et al.(2015)**. "The Effect of Initial Pubic Offering(IPO) on Open Innovation: Findings from Seoul Digital Complex(SDC)". *Korea Start-up Journal*. Vol. 10, No. 1, pp.162-186.

Business Model Patents which welcome licensing and transfer.

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| Korea Patent 1019617310000 | Sharing based smart parking management (2019.3.19) |
| Korea Patent 1019631910000 | System of sharing photo based location and method thereof (2019.3.22) |
| Korea Patent 10-2016-0123353 | "System for improve smart social value" (2018.3.2, registered) |
| Korea Patent 10-2015-0152005 | "Smart Library Management Apparatus and Method Thereof"(2017.4.27, registered) |
| Korea patent 10-2015-01603888 | "System for advertisement using smart bench and methods thereof"(2017.6. 29, registered). |
| Korea patent 10-201500152007 | "Smart guard apparatus and method thereof"(2017.5.31, registered). |
| Korea patent 10-2015-0172548 | "Smart locking system using user terminal and unlocking method thereof"(2017.6.28, registered). |
| Korea Patent 10-2015-0083337 | "Smart Terminal and method for measurement of object length using the same"(DGIST) (registered 2016.12) |
| Korea Patent 10-2014-0151358 | "Smart Meditation Apparatus For Improving Concentration and Operation Method Thereof"(DGIST, Chreative Space) (registered 2016.11) |
| Korea Patent 10-2014-0153686 | "Indoor Harmful gas emissions system" JinHyo Yun, et al.(DGIST, IDEALL Systems)(2016. 8 registered) |
| Korea Patent 10-2014-0046875 | "Smart Air Conditioning System and Method" JinHyo Joseph Yun, et al. (DGIST, and DongHa)(2015.12, registered) |
| Korea Patent 10-2014-0106828 | "Network System for Inter-vehicle and Method thereof " JinHyo Yun, et al.(DGIST, Camcis) (registered 2015.12) |
| Korea Patent 10-2014-0053594 | "Cleaning robot control method and apparatus based on autonomous learning." JinHyo Yun, JungHo Yang. (2015.05, registered) |
| Korea Patent 10-2014-0053593 | "System for preventing drowsy driving by one touch and method thereof." JinHyo Yun, et al.(2015.5, registered) |
| Korea Patent 10-2014-0106828 | "Network System for Inter-vehicle and Method thereof "JinHyo Yun, JungHo Yang, SungGu Song, JaeMin Lee.(DGIST, Camcis) (registered 2015.12) |
| Korea Patent. 10-2014-0054960 | "ART MODULE APPARATUS FOR DRIVING AND CONTROLLING METHOD THEREOF." JinHyo Yun, et al.(registered 2015) |
| Korea Patent. 10-2013-0137001. | "Open business platform service method and device". Jin Hyo Yun, et al.(registered 2015) |
| Korea Patent. 10-2013-0144024. | "Bed system for the detection of sleep and sleep state detection method". Jin Hyo Yun, et al.(registered 2015) |
| Korea Patent. 10-2013-0036841. | "Mobile-based putting posture correction device and method". Jin Hyo Yun, et al. (2014 registered and transferred) |
| Korea Patent. 10-2012-0010027 | "Time and location based survey marketing service providing method and method thereof". Kyung Hun Kim, Jin-Hyo Yun, Myung San Jun, &Woo Young Jung. . (registered 2012.01.31., and transferred in 2014) |
| Korea Patent. 10-2012-0010317. | "Smart social library service method". Jin-Hyo Yun, et al. (Registered 2013.11.27. transferred in 2015) |
| Korea Patent. 10-2012-0012973. | "Real estate development Information intermediate method and system". Yun J.H.J. et al.(registered 2014) |
| Korea Patent. 10-2011-0120522. | "Smart real time concert system and method thereof". Yun J.H.J. et al. (registered 2013.5.30.) |
| Korea Patent. 10-2011-0120524. | "Smart weekend farm trading system and method thereof". Woo-Young Jung, Jin-Hyo Yun, Jae-Young Park,& Min-Jung Kwon. (registered 2013.07.01.) |