

Society of Open Innovation: Technology, Market, and Complexity (SOI) Special Issue History Published Papers List & Keynote speech papers including

(Including Non-SOI Open Innovation Related Special Issue Journals, such as Research Policy, R&D Management, Journal of Evolutionary Economics, Technovations)

2022-03-02

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1. 2021

-JOI Special Issue Published Papers List



SOI 2022 Keynote Speech Paper

-2021 (&2022) Journal of Open Innovation: Technology, Market, and Complexity(JOI) Special Issue Published Papers List Digitalizing Gratitude and Building Trust through Technology in a Post-COVID-19 World—Report of a Case from Japan

by (2) Jun-ichi Yamamoto, (2) Tomohiro Fukui, (2) Kazutomo Nishii, (2) Ichiro Kato and (3) Quang Thahn Pham J. Open Innov. Technol. Mark. Complex. 2022, 8(1), 22; https://doi.org/10.3390/joitmc8010022 - 14 Jan 2022 Viewed by 214

Abstract Employee engagement has become a critical issue in Japanese companies. One way to develop it is to improve the relationship among employees through gratitude expressions. In the post-COVID-19 remote work environment, digital devices are essential. This paper confirms that expressions of gratitude delivered [...] Read more.

(This article belongs to the Special Issue Open Innovation and Business Model in the Global Economic Crisis Which is Triggered by the Pandemic of COVID-19)

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Open Access Article

Open Innovation in Times of Crisis: An Overview of the Healthcare Sector in Response to the COVID-19 Pandemic

by 🙎 Zheng Liu, 🙎 Yongjiang Shi and 🙎 Bo Yang

J. Open Innov. Technol. Mark. Complex. 2022, 8(1), 21; https://doi.org/10.3390/joitmc8010021 - 14 Jan 2022

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Abstract The COVID-19 pandemic has caused huge and disruptive technological changes in the healthcare sector, transforming the way businesses and societies function. To respond to the global health crisis, there have been numerous innovation projects in the healthcare sector, including the fast design and [...] Read more.

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Open Access Article

E-Commerce Customers Behavior Research Using Cohort Analysis: A Case Study of COVID-19

by 👂 Solomiia Fedushko and 🌓 Taras Ustyianovych

J. Open Innov. Technol. Mark. Complex. 2022, 8(1), 12; https://doi.org/10.3390/joitmc8010012 - 06 Jan 2022 Viewed by 195

Abstract Cohort analysis is a new practical method for e-commerce customers' research, trends in their behavior, and experience during the COVID-19 crisis. The purpose of the research is to validate the efficiency of this method on the e-commerce records data set and find out [...] Read more.

(This article belongs to the Special Issue Open Innovation and Business Model in the Global Economic Crisis Which is Triggered by the Pandemic of COVID-19)

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Digitalizing Gratitude and Building Trust through Technology in a Post-COVID-19 World— Report of a Case from Japan

by a Jun-ichi Yamamoto, Tomohiro Fukui, Kazutomo Nishii, Ichiro Kato and Quang Thahn Pham J. Open Innov. Technol. Mark. Complex. 2022, 8(1), 22; https://doi.org/10.3390/joitmc8010022 - 14 Jan 2022 Viewed by 214

Abstract Employee engagement has become a critical issue in Japanese companies. One way to develop it is to improve the relationship among employees through gratitude expressions. In the post-COVID-19 remote work environment, digital devices are essential. This paper confirms that expressions of gratitude delivered [...] Read more.

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Open Innovation in Times of Crisis: An Overview of the Healthcare Sector in Response to the COVID-19 Pandemic

by A Zheng Liu, Yongjiang Shi and Bo Yang
J. Open Innov. Technol. Mark. Complex. 2022, 8(1), 21; https://doi.org/10.3390/joitmc8010021 - 14 Jan 2022
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Abstract The COVID-19 pandemic has caused huge and disruptive technological changes in the healthcare sector, transforming the way businesses and societies function. To respond to the global health crisis, there have been numerous innovation projects in the healthcare sector, including the fast design and [...] Read more.

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E-Commerce Customers Behavior Research Using Cohort Analysis: A Case Study of COVID-19

by Solomiia Fedushko and Taras Ustyianovych

J. Open Innov. Technol. Mark. Complex. 2022, 8(1), 12; https://doi.org/10.3390/joitmc8010012 - 06 Jan 2022

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Abstract Cohort analysis is a new practical method for e-commerce customers' research, trends in their behavior, and experience during the COVID-19 crisis. The purpose of the research is to validate the efficiency of this method on the e-commerce records data set and find out [...] Read more.

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An Efficiency Measurement of E-Government Performance for Network Readiness: Non-Parametric Frontier Approach

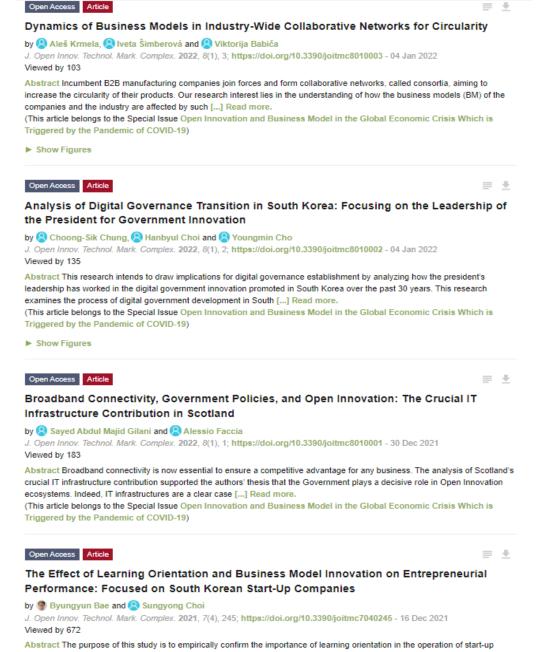
by A Hyundong Nam, Taewoo Nam, Minjeong Oh and Sungyong Choi

J. Open Innov. Technol. Mark. Complex. 2022, 8(1), 10; https://doi.org/10.3390/joitmc8010010 - 06 Jan 2022

Viewed by 150

Abstract Information and Communications Technology (ICT) network readiness competency improves service quality and provides efficient service in implementing successful e-governments. By confirming ICT network readiness of e-governments, it must be redesigned using limited resources effectively to achieve realistic goals. When ICT investment and economic [...] Read

(This article belongs to the Special Issue Open Innovation and Business Model in the Global Economic Crisis Which is Triggered by the Pandemic of COVID-19)



companies. In the literature, it is well known that this learning orientation plays a big role in improving the performance of start-ups

by cultivating [...] Read more. (This article belongs to the Special Issue Open Innovation and Business Model in the Global Economic Crisis Which is Triggered by the Pandemic of COVID-19)

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What Are the Success Factors for a Partnership with Global Medical Device Companies?

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by Pongwoo Kim, Guy Ha Ryu, Kwangsoo Shin and Kyu-Sung Lee
J. Open Innov. Technol. Mark. Complex. 2021, 7(4), 237; https://doi.org/10.3390/joitmc7040237 - 03 Dec 2021
Viewed by 605

Abstract The medical device industry is uniquely characterized by both resourceful global companies and innovative catching-up companies. The studies by Chatterji have analyzed how large and established medical device companies could better utilize the ideas from innovative groups such as physicians. While the existing [...] Read more.

(This article belongs to the Special Issue Open Innovation and Business Model in the Global Economic Crisis Which is Triggered by the Pandemic of COVID-19)

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Future Shift for 'Big Things': From Starchitecture via Agritecture to Parkitecture

by (2) Philip Cooke

J. Open Innov. Technol. Mark. Complex. 2021, 7(4), 236; https://doi.org/10.3390/joitmc7040236 - 02 Dec 2021

Viewed by 506

Abstract This article analyses three recent shifts in what called the geography of 'Big Things', meaning the contemporary functions and adaptability of modern city centre architecture. We periodise the three styles conventionally into the fashionable 'Starchitecture' of the 1990s, the repurposed 'Agritecture' of the [...] Read more.

(This article belongs to the Special Issue Open Innovation and Business Model in the Global Economic Crisis Which is Triggered by the Pandemic of COVID-19)

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Assessment of the Impact of Coaching on a Company's Performance: A Review of Methods

by (2) Angelina Roša (Rosha) and (2) Natalja Lace

J. Open Innov. Technol. Mark. Complex. 2021, 7(4), 233; https://doi.org/10.3390/joitmc7040233 - 01 Dec 2021

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Abstract The aim of the present study is to provide an analysis of the literature about methods for assessing the impact of coaching on the performance of a company, and elaborate a framework of assessment methods emphasizing their use in the course of coaching [...] Read more.

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Network Proximity Evolution of Open Innovation Diffusion: A Case of Artificial Intelligence for Healthcare

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by <a>Ben Zhang and <a>Ben Wang

Triggered by the Pandemic of COVID-19)

J. Open Innov. Technol. Mark. Complex. 2021, 7(4), 222; https://doi.org/10.3390/joitmc7040222 - 02 Nov 2021

Viewed by 524

Abstract Open innovation diffusion is of great significance to industrial transformation and upgrading, forming an open innovation ecosystem based on the patent publication. However, patent applicants contribute much knowledge to the public domain, and the communication channel, which is network proximity, does not receive [...] Read more.

(This article belongs to the Special Issue Open Innovation and Business Model in the Global Economic Crisis Which is Triggered by the Pandemic of COVID-19)

Open Access Article

Effective Venture Capital Market Development Concept

by (2) Anita Matisone and (2) Natalja Lace

J. Open Innov. Technol. Mark. Complex. 2021, 7(4), 218; https://doi.org/10.3390/joitmc7040218 - 01 Nov 2021

Viewed by 430

Abstract This paper presents the results of the study on the venture capital (VC) market development drivers in small countries with underdeveloped VC markets. Based on the literature content analysis, the authors developed a comprehensive list of factors influencing VC market status. The relevance [...] Read more.

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Management Practice in Small and Medium-Sized Enterprises: Problems and Solutions from the Perspective of Open Innovation

by 🙆 Maris Millers and 😩 Elina Gaile-Sarkane

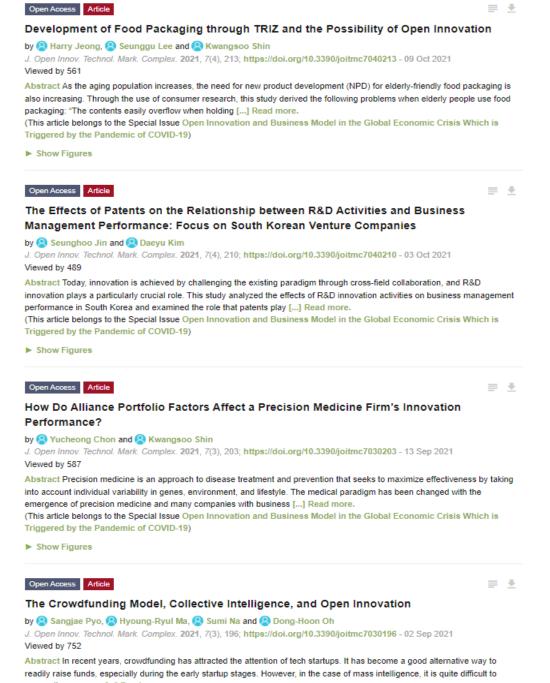
J. Open Innov. Technol. Mark. Complex. 2021, 7(4), 214; https://doi.org/10.3390/joitmc7040214 - 09 Oct 2021

Cited by 2 | Viewed by 547

Abstract A large proportion of small and medium-sized enterprises are managed by their owners and founders. The goal of this research was to describe the diversity of management practices in owner-managed SMEs. Understanding this diversity will raise awareness of the challenges SMEs are facing [...] Read more.

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Business Innovations in the New Mobility Market during the COVID-19 with the Possibility of Open Business Model Innovation

by (2) Katarzyna Turoń and (2) Andrzej Kubik

J. Open Innov. Technol. Mark. Complex. 2021, 7(3), 195; https://doi.org/10.3390/joitmc7030195 - 01 Sep 2021 Cited by 2 | Viewed by 962

Abstract The current difficult situation in the world caused by the spread of the COVID-19 virus has led to the development of problems in many branches of the economy. However, it has significantly affected transport, which on the one hand, is the bloodstream of [...] Read more.

(This article belongs to the Special Issue Open Innovation and Business Model in the Global Economic Crisis Which is Triggered by the Pandemic of COVID-19)

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An Analysis of the Competitive Actions of Boeing and Airbus in the Aerospace Industry Based on the Competitive Dynamics Model

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by 🌓 Ayoung Woo, 🙎 Bokyung Park, 🤱 Hyekyung Sung, 🙎 Hyunjin Yong, 🥻 Jiyeon Chae and 😩 Seungho Choi J. Open Innov. Technol. Mark. Complex. 2021, 7(3), 192; https://doi.org/10.3390/joitmc7030192 - 31 Aug 2021 Viewed by 1134

Abstract Focusing on competitive dynamics, this study examines the strategic issues Boeing has faced in seeking to maintain its leading position in the airline industry. Boeing's status as a first mover in the aerospace industry has made it a world-leading company; however, the external [...] Read more.

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From Catching Up to Convergence of the Latecomer Firms: Comparing Behavior and Innovation Systems of Firms in Korea and the US

by (2) Buru Im and (2) Keun Lee

J. Open Innov. Technol. Mark. Complex. 2021, 7(3), 191; https://doi.org/10.3390/joitmc7030191 - 30 Aug 2021

Abstract This paper addresses the issue of catching and convergence at the level of firms, and investigates whether Korean firms tend to converge toward mature firms represented by the US firms in terms of their behavior and performance as well as firm-level innovations systems. [...] Read more.

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Open Access Article

Standardization as a Catalyst for Open and Responsible Innovation

by 🚇 Arta Pîlēna, 🚇 Iveta Mežinska and 📵 Inga Lapiņa

J. Open Innov. Technol. Mark. Complex. 2021, 7(3), 187; https://doi.org/10.3390/joitmc7030187 - 12 Aug 2021 Viewed by 746

Abstract Standardization, based on scientific and technological development, provides solutions for optimal level of order in a wide range of industrial, societal and environmental fields. Analogically to the process of open innovation, the development of standards brings together the knowledge and experience of different [...] Read more.

(This article belongs to the Special Issue Open Innovation and Business Model in the Global Economic Crisis Which is Triggered by the Pandemic of COVID-19)

The Role of Consumer and Customer Journeys in Customer Experience Driven and Open Innovation

by 🕲 Gundars Kokins, 🙎 Anita Straujuma and 📵 Inga Lapiņa

J. Open Innov. Technol. Mark. Complex. 2021, 7(3), 185; https://doi.org/10.3390/joitmc7030185 - 06 Aug 2021 Cited by 1 | Viewed by 953

Abstract Customer and Consumer Journeys, touchpoints and Consumer Goals have been widely discussed among Customer Experience theorists and practitioners, establishing that a hierarchical relationship between those exist. Customer Experience driven innovation evaluates opportunities mainly within touchpoints in Customer Journeys. However, there is still a [...] Read

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Pre-Entrepreneurs' Perception of the Technology Regime and Their Entrepreneurial Intentions in Korean Service Sectors

by <a>B Ilyong Ji and <a>B Jinkyung Goo

J. Open Innov. Technol. Mark. Complex. 2021, 7(3), 179; https://doi.org/10.3390/joitmc7030179 - 01 Aug 2021 Cited by 1 | Viewed by 657

Abstract Startups and established firms in service sectors mostly fall into the supplier dominated or information intensive categories of Pavitt's taxonomy. Entrepreneurs in these categories are not isolated from the technological environment because they can also be innovative (at least) by adopting technologies from [...] Read more.

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The Impact of Government Policy on Macro Dynamic Innovation of the Creative Industries: Studies of the UK's and China's Animation Sectors

J. Open Innov. Technol. Mark. Complex. 2021, 7(3), 168; https://doi.org/10.3390/joitmc7030168 - 02 Jul 2021 Cited by 3 | Viewed by 985

Abstract With digitalization and the support of policies, the creative industries have shown rapid growth in the last 20 years. Open forms of collective learning, user engagement and social networks have become popular to generate IPs and values. Meanwhile, government policy can support the [...] Read more.

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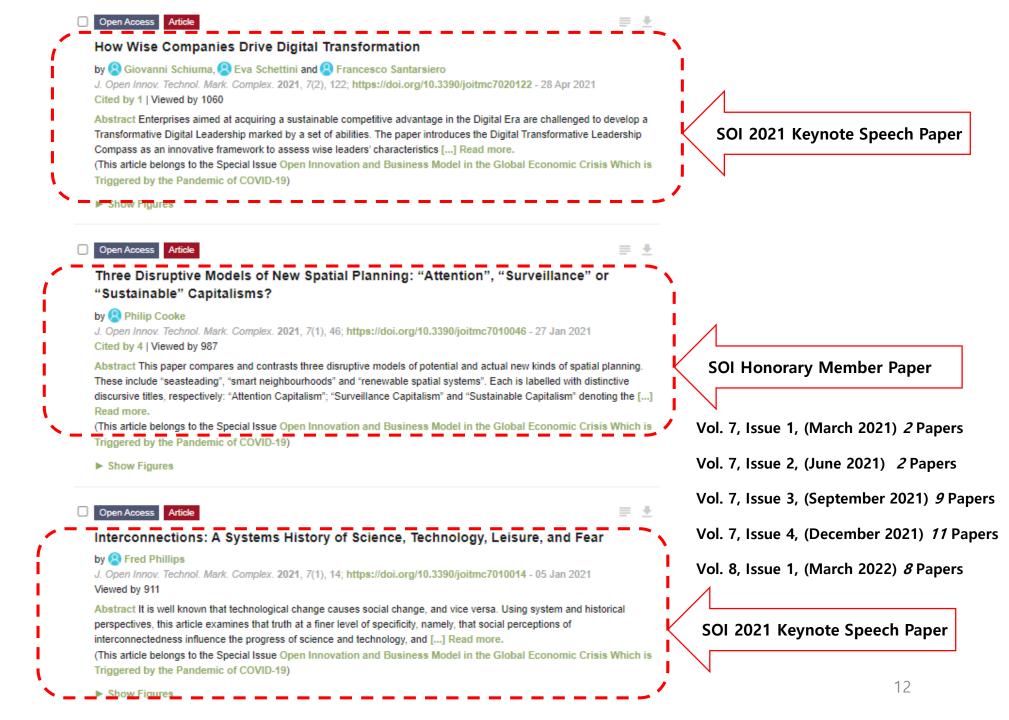
The Role of Health Resort Enterprises in Health Prevention during the Epidemic Crisis Caused by COVID-19

by Adam R. Szromek

J. Open Innov. Technol. Mark. Complex. 2021, 7(2), 133; https://doi.org/10.3390/joitmc7020133 - 14 May 2021 Cited by 4 | Viewed by 970

Abstract The COVID-19 pandemic has reduced or even temporarily halted tourism worldwide. The lack of tourists has huge consequences not only for the tourism industry, but also for the tourism economy. Health tourism enterprises are also affected by this problem, but their situation is [...] Read more.

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2. 2020

-JOI Special Issue Published Papers List



Multidexterity—A New Metaphor for Open Innovation

by Peter Robbins, Colm O'Gorman, Anne Huff and Kathrin Moeslein

J. Open Innov. Technol. Mark. Complex. 2021, 7(1), 99; https://doi.org/10.3390/joitmc7010099 - 16 Mar 2021 Viewed by 304

Abstract Open innovation will have an important role to play in recovering from the aftermath of the coronavirus and it has already made a crucial contribution. The prism of COVID-19 ("COVID" hereafter) has made more vivid both the complexity and unpredictability of managing innovation. [...] Read more.

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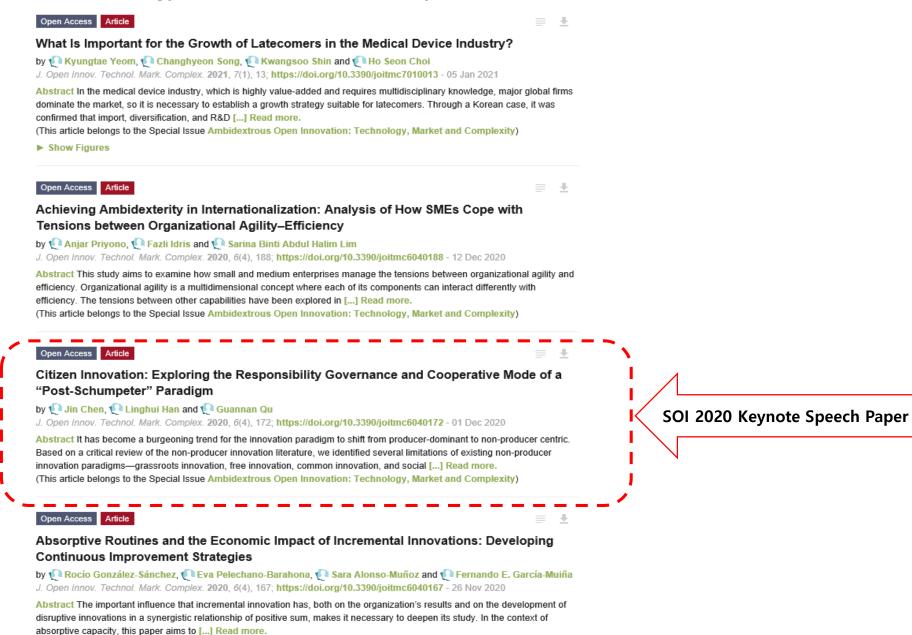


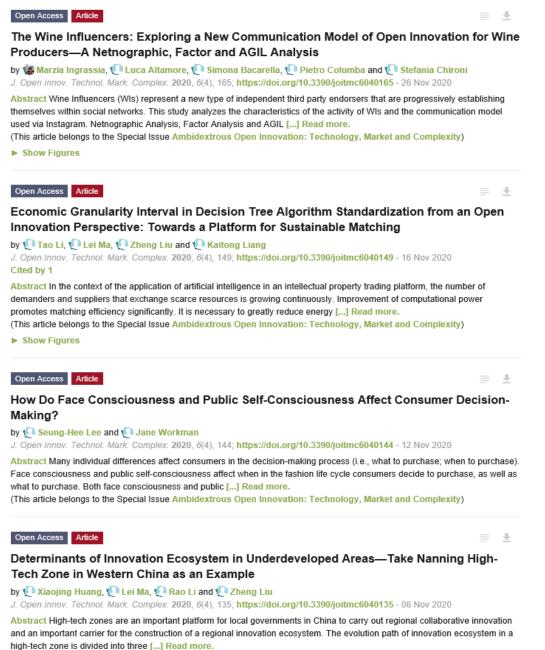
The Effect of Healthcare Data Analytics Training on Knowledge Management: A Quasi-Experimental Field Study

by Byeong Jo Kim and Maria Tomprou

J. Open Innov. Technol. Mark. Complex. 2021, 7(1), 60; https://doi.org/10.3390/joitmc7010060 - 07 Feb 2021 Viewed by 402

Abstract This study aims to provide practice-oriented evidence regarding the implementation of healthcare data analytics and its impact on the use of new data analytics tools and relevant analytical skills improvement. A quasi-experimental pre-test/post-test controlled study was conducted in a large medical system in [...] Read more.





Open Access Article Business Model Innovation through a Rectangular Compass: From the Perspective of Open Innovation with Mechanism Design by PainHyo Joseph Yun and Xiaofei Zhao J. Open Innov. Technol. Mark. Complex. 2020, 6(4), 131; https://doi.org/10.3390/joitmc6040131 - 01 Nov 2020 Abstract We aim to develop an innovative way to alter existing business models to conquer the growth limits of exponential paradox by applying the open innovation concept to the design of creative business models. Our research question is as follows: How can we innovate [...] Read more. (This article belongs to the Special Issue Ambidextrous Open Innovation: Technology, Market and Complexity)

SOI 2020 Keynote Speech Paper

Corporate Social Responsibility during COVID-19 Pandemic

by (Isabel-María García-Sánchez and Alejandra García-Sánchez J. Open Innov. Technol. Mark. Complex. 2020, 6(4), 126; https://doi.org/10.3390/joitmc6040126 - 24 Oct 2020

Abstract The health, economic, and social consequences of the SARS-CoV-2 virus have highlighted the need for collaboration among all agents to face a scenario that we have not before seen. The aims of this paper are to analyze the involvement that large Spanish companies [...] Read more.

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Open Access Article

Digital Innovation Hubs as a Tool for Boosting Biomass Valorisation in Regional Bioeconomies: Andalusian and South-East Irish Case Studies

by Parta Macias Aragonés, Parta Macias Aragonés, Maria Nieto, María Nieto Fajardo, David Páez Rodríguez, 🜔 James Gaffey, 🕛 Jennifer Attard, 🜔 Helena McMahon, 🜔 Pat Doody, 🜔 Judit Anda Ugarte, 🜓 Mª Natividad Pérez-Camacho, 🜓 Mª Sol Cuenca Martín, 🕛 Antonio José Giráldez Morales and Filippo Giancarlo Martinelli

J. Open Innov. Technol. Mark. Complex. 2020, 6(4), 115; https://doi.org/10.3390/joitmc6040115 - 14 Oct 2020

Abstract Regional bioeconomy development is directly linked to the availability and access to bioresources. Therefore, it is necessary to trigger opportunities for information and communications technologies (ICTs), the Internet of things (IoT) and Industry 4.0 solutions to increase the efficiency of high potential value [...] Read more.

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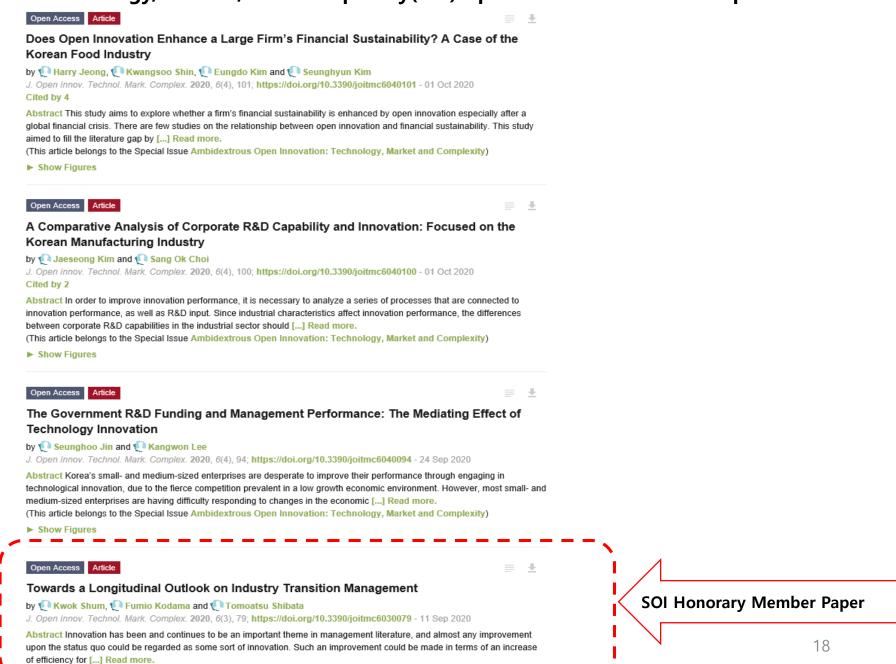
Linking Business Ecosystem and Natural Ecosystem Together—A Sustainable Pathway for Future Industrialization

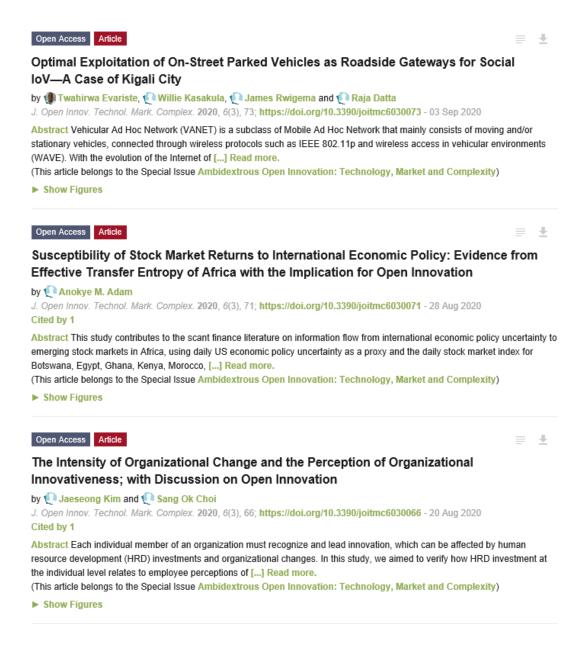
by Pongjiang Shi, Chao Lu, Hong Hou, Lu Zhen and Lu Jialun Hu J. Open Innov. Technol. Mark. Complex. 2021, 7(1), 38; https://doi.org/10.3390/joitmc7010038 - 19 Jan 2021

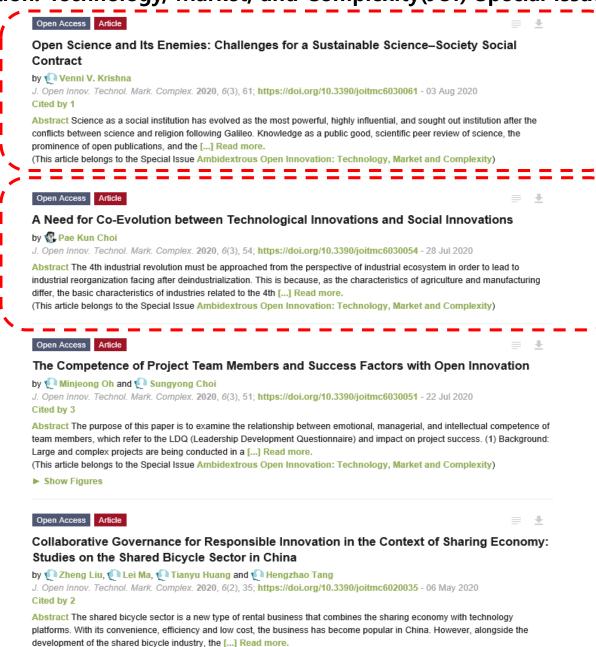
Abstract China has emerged as the second largest economy in the world during the globalization in the last forty years. However, in the last decade, Chinese manufacturing has also demonstrated its dark side causing wide range of concerns globally and directly jeopardize people's health [...] Read more. (This article belongs to the Special Issue Ambidextrous Open Innovation: Technology, Market and Complexity)

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Open Access Article The Passway of Women Entrepreneurship: Starting from Social Capital with Open Innovation, through to Knowledge Sharing and Innovative Performance by Made Setini, 📭 Ni Nyoman Kerti Yasa, 📭 I Wayan Gede Supartha, 📭 I Gusti Ayu Ketut Giantari and Ismi Rajiani J. Open Innov. Technol. Mark. Complex. 2020, 6(2), 25; https://doi.org/10.3390/joitmc6020025 - 17 Apr 2020 Cited by 10 Abstract Customs and culture should create women's independence to actualize themselves in an era of emerging social progress in order to lead to the domination of women in the development of creative businesses. This research examines the role of social capital and whether it [...] Read more. (This article belongs to the Special Issue Ambidextrous Open Innovation: Technology, Market and Complexity) Open Access Article Silicon Valley Imperialists Create New Model Villages as Smart Cities in Their Own Image by Philip Cooke J. Open Innov. Technol. Mark. Complex. 2020, 6(2), 24; https://doi.org/10.3390/joitmc6020024 - 08 Apr 2020 Cited by 2 Abstract In her study of 'Surveillance Capitalism', Shoshana Zuboff cites Google's parent firm Alphabet's legal customerpurchase agreement for the parent firm's Nest thermostats. These impose 'oppressive privacy and security consequences' requiring sensitive information to be shared through 'Internet-of-Things' (IoT) networks with other domestic and [...] Read more. (This article belongs to the Special Issue Ambidextrous Open Innovation: Technology, Market and Complexity) Open Access Article Do Synergies Pop up Magically in Digital Transformation-Based Retail M&A? Valuing Synergies with Real Options Application by Andrejs Čirjevskis J. Open Innov. Technol. Mark. Complex. 2020, 6(1), 18; https://doi.org/10.3390/joitmc6010018 - 06 Mar 2020 Abstract This paper aims to explore and to illustrate success factors of reciprocal synergies of digital transformation-based merger and acquisition (M&A) deals in the grocery retail industry. The author carried out a case study on the merger of Ahold Delhaize in 2016. The paper's [...] Read more.

Vol. 6, Issue 1, (March 2020) 1 Papers

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Vol. 6, Issue 3, (September 2020) 7 Papers

SOI 2020 Keynote Speech Paper

Vol. 6, Issue 4, (December 2020) 13 Papers

Vol. 7, Issue 1, (March 2021) *5* Papers

Gender Diversity in Boards of Directors: A Bibliometric Mapping

by Paloma Porras-Alcalá

J. Open Innov. Technol. Mark. Complex. 2021, 7(1), 12; https://doi.org/10.3390/joitmc7010012 - 31 Dec 2020

(This article belongs to the Special Issue Ambidextrous Open Innovation: Technology, Market and Complexity)

Abstract The literature on gender diversity in boards of directors has expanded significantly in recent years, due to the fact that women are increasingly holding higher management positions within the company hierarchy, clearly demonstrating that certain characteristics of women have a positive impact on [...] Read more.

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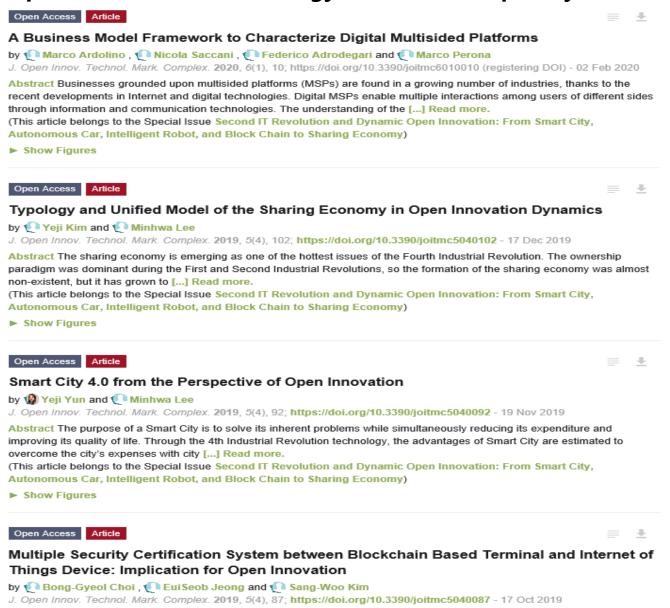
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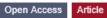
2019-2015 JOI Special Issue Published Papers List

3-1. 2019 Journal of Open Innovation Technology: Market, Complexity



Abstract As the number of Internet of Things (IoT) devices increases, services expand and illegal hacking and infringement methods become more sophisticated, an effective solution for blockchain technology is required as a fundamental solution to security threats. In this paper, we develop the security [...] Read more.

(This article belongs to the Special Issue Second IT Revolution and Dynamic Open Innovation: From Smart City, Autonomous Car, Intelligent Robot, and Block Chain to Sharing Economy)



Customer Happiness and Open Innovation in the Esthetics Education for the Elderly Generation

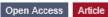
by Na-Gyeong Yeom and Hang-Sik Park

J. Open Innov. Technol. Mark. Complex. 2019, 5(4), 86; https://doi.org/10.3390/joitmc5040086 - 16 Oct 2019

Abstract In Korean society, where aging is rapidly progressing, the happiness of the elderly is no longer an economic issue. An esthetics program has the effect of improving depression or low self-esteem to increase psychological and physical satisfaction, which is a good way to [...] Read more.

(This article belongs to the Special Issue Second IT Revolution and Dynamic Open Innovation: From Smart City, Autonomous Car, Intelligent Robot, and Block Chain to Sharing Economy)

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Towards a City-Based Cultural Ecosystem Service Innovation Framework as Improved Public-Private-Partnership Model—A Case Study of Kaohsiung Dome

by Min-Ren Yan , Hui-Lan Chi , Jui-Ying Yang and Kuo-Ming Chien J. Open Innov. Technol. Mark. Complex. 2019, 5(4), 85; https://doi.org/10.3390/joitmc5040085 - 16 Oct 2019 Cited by 1

Abstract This paper explains the concept of a city-based cultural ecosystem service, and how innovations and systematic operations management can help an international city to improve the efficiency and effectiveness of the Public-Private Partnership (PPP) model. Previous studies suggest that most of the PPP [...] Read more.

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The Study on the Difference in Corporate Performance and Employment Outcomes According to the Results of Equity-Based Crowdfunding Investment

by (Hanjun Cho , Joo Yeon Park and Chang Soo Sung J. Open Innov. Technol. Mark. Complex. 2019, 5(4), 83; https://doi.org/10.3390/joitmc5040083 - 12 Oct 2019 Cited by 1

Abstract The purpose of this study is to identify the difference in firm performance and employment growth between successful and failed capital procurement through equity-based crowdfunding. We conduct an empirical analysis using entire crowdfunding projects that attempted to raise capital through equity-based crowdfunding in [...] Read more.

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Lean Smart Manufacturing in Taiwan—Focusing on the Bicycle Industry

by PLih-Ren Li

J. Open Innov. Technol. Mark. Complex. 2019, 5(4), 79; https://doi.org/10.3390/joitmc5040079 - 05 Oct 2019

Abstract Industry 4.0, started in Germany in 2011, was fervently promoted by various advanced countries and followed by the introduction of "smart manufacturing". As an innovative strategy of the manufacturing industry "smart manufacturing" has attracted considerable attention in the field of academics and practice. [...] Read more.

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by Narine Oganisjana and Konstantins Kozlovskis

J. Open Innov. Technol. Mark. Complex. 2019, 5(4), 76; https://doi.org/10.3390/joitmc5040076 - 26 Sep 2019

Abstract Customer engagement in different phases of creation of new products and services is argued to be a significant success factor by some scholars and practitioners, and unnecessary—by others. The paper analyses the findings of a pilot study, conducted with the intention to see [...] Read more.

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Factors Affecting the Outbound Open Innovation Strategies in Pharmaceutical Industry: Focus on Out-Licensing Deal

by Insoo Lee and Eungdo Kim

J. Open Innov. Technol. Mark. Complex. 2019, 5(4), 73; https://doi.org/10.3390/joitmc5040073 - 23 Sep 2019 Cited by 1

Abstract The pharmaceutical industry is a high-technology industry that requires a combination of in-depth knowledge from various fields. It is characterized by high cost, high risk and a long-term perspective due to the high level of regulation. In addition, it is known that research [...] Read more.

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by Pajah Rasiah

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 70; https://doi.org/10.3390/joitmc5030070 - 12 Sep 2019

Abstract Open innovation has become a popular approach, especially since 2003, as people began purposively managing, evolving and harnessing knowledge flows across organizational boundaries but through increasing connections with systemic knowledge nodes relevant to the innovation process. The creation and appropriation of such knowledge [...] Read more. (This article belongs to the Special Issue Second IT Revolution and Dynamic Open Innovation: From Smart City, Autonomous Car, Intelligent Robot, and Block Chain to Sharing Economy)

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Development of a Class Model for Improving Creative Collaboration Based on the Online Learning System (Moodle) in Korea

by PEunjoo Kim, Hangsik Park and JungUn Jang

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 67; https://doi.org/10.3390/joitmc5030067 - 06 Sep 2019 Cited by 1

Abstract This study aims to develop a Modular Object-Oriented Dynamic Learning Environment (Moodle)-based online learning system and derive a class model to enhance learners' creative collaboration capabilities. The research method for this is first to analyze the functional elements of the online learning system [...] Read more.

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How to Improve Performance and Diversity of Government-Funded Research Institute Ecosystem? Focus on Result Sharing and Feedback Policy

by Namjun Cha, Dunseok Hwang and Eungdo Kim

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 66; https://doi.org/10.3390/joitmc5030066 - 05 Sep 2019

Abstract Despite its importance to the performance outcome of an organization, there are very few studies on how feedback mechanism impacts ecosystems of government-funded research institutes (GIs). This study focuses on the effect of the feedback mechanism on the average performance and diversity of [...] Read more.

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by Phyunji Kim , Sun-Young Park and Won-IL Joh J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 65; https://doi.org/10.3390/joitmc5030065 - 30 Aug 2019 Cited by 2

Abstract Recently, a lot of small- and mid-sized companies have emerged through continuous technological development and start-up successes despite insufficient scales and resources compared to medium companies or conglomerates in fierce market competition. Technological development capability, which is required to acquire, select, or utilize [...] Read more. (This article belongs to the Special Issue Second IT Revolution and Dynamic Open Innovation: From Smart City, Autonomous Car, Intelligent Robot, and Block Chain to Sharing Economy)



Developing an Evaluation Framework for Selecting Optimal Medical Devices

by 🚺 Juhyeok Park , 📢 Eungdo Kim and 📢 Kwangsoo Shin J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 64; https://doi.org/10.3390/joitmc5030064 - 28 Aug 2019

Abstract The objective of this study is to summarize the current general evaluation process that stakeholders use to evaluate single or multiple medical devices to select the optimal medical device. This study constructed a novel evaluation framework to select the optimal medical device by [...] Read more.

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Impact of Unlisted Small and Medium-Sized Enterprises' Business Strategies on Future Performance and Growth Sustainability

by Won Park, Chang Soo Sung and Chung Gyu Byun J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 60; https://doi.org/10.3390/joitmc5030060 - 22 Aug 2019 Cited by 2

Abstract This study aims to identify, from among business strategies presented in Miles and Snow (1978, 2003), those that increase the future performance or growth sustainability of unlisted small and medium-sized enterprises (SMEs) in Korea. (This study applied the scope of SMEs based on [...] Read more.

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Supplier, Tailor, and Facilitator: Typology of Platform Business Models

by Paunic Kim and Pauling Min

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 57; https://doi.org/10.3390/joitmc5030057 - 18 Aug 2019

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Abstract The platform business model is widely used because it is capable of various open innovation deliverables. However, it has a high probability of failure, caused by a variety of value streams that follow the two-sided market theory (each side has a distinct group [...] Read more.

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Digital Innovation Adoption and Its Economic Impact Focused on Path Analysis at National Level

by Park and Sang Ok Choi

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 56; https://doi.org/10.3390/joitmc5030056 - 16 Aug 2019

Abstract Purpose: The advancement of technologies and their adoption affects the socio-economic growth of nations. This research is focused on how this innovation adoption path is linked to economic growth of nations since the previous IT revolution has been combined with existing industries and [...] Read more.

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Digital Maturity and Corporate Performance: The Case of the Baltic States

by Pulia Eremina , Natalja Lace and Julija Bistrova

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 54; https://doi.org/10.3390/joitmc5030054 - 09 Aug 2019

Abstract Enterprise digitalization is a way for companies to make their processes more efficient, to enhance their marketing strategies, and improve their competitive most within the global competitive landscape. To see how fast Baltic companies are adapting to digitalization trend and, therefore, how good [...] Read more.

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Intangible Resources and Internationalization for the Innovation Performance of Chinese **High-Tech Firms**

by Puhan Liu, U Junic Kim and Jaewook Yoo

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 52; https://doi.org/10.3390/joitmc5030052 - 06 Aug 2019

Abstract The purpose of this study is to explore the relationships between three intangible resources and the innovation performance of Chinese high-tech firms, and the moderating effect of internationalization on these relationships. We implement a hierarchical multiple regression analysis using data for 274 Chinese [...] Read more.

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The Transition of Samsung Electronics through Its M&A with Harman International

by P Jung hyun Kim, P Monica Young-Shin Chun, Duong Thi Hong Nhung and Deonghwan Lee J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 51; https://doi.org/10.3390/joitmc5030051 - 05 Aug 2019

Abstract The automobile industry is experiencing unprecedented change. Despite its century-old history based mostly in the art of mechanics, increased development of technology and heightened awareness of environmental issues has pushed traditional automobile manufacturers to completely re-examine their strategies. It has also newly invited [...] Read more. (This article belongs to the Special Issue Second IT Revolution and Dynamic Open Innovation: From Smart City, Autonomous Car, Intelligent Robot, and Block Chain to Sharing Economy)

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Incessant Conceptual/Industrial Transformation of Automobiles

by Pumio Kodama

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 50; https://doi.org/10.3390/joitmc5030050 - 30 Jul 2019

Abstract In order to comprehend the prospect of a future automobile industry, the development path of the automobile industry is reviewed. It is found that the industry has experienced an incessant conceptual transformation, dominant design, emission control, fuel efficiency, product integrity, modularization, and hybridization. [...] Read more.

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Sustainability and Continuous Improvement of Organization: Review of Process-Oriented Performance Indicators

by Paija Medne and Painga Lapina

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 49; https://doi.org/10.3390/joitmc5030049 - 26 Jul 2019

Abstract Nowadays, organizations are trying to have, not only a competitive advantage in the market, but also in sustainable development. The purpose of this paper is to investigate the process of measuring organizations' sustainability using processoriented indicators. The research seeks to address the following [...] Read more.

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Exploring Innovation Ecosystem from the Perspective of Sustainability: Towards a Conceptual Framework

by Parage Liu and Victoria Stephens J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 48; https://doi.org/10.3390/joitmc5030048 - 25 Jul 2019 Cited by 1

Abstract With technology advancement, industrial revolution 4.0, businesses nowadays are in competition in terms of product, service and business model innovation. Meanwhile, the emergent socio-ecological crisis is making it increasingly important to identify the impact of business on environment and the society. To date, [...] Read more.

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Developing an Improved Risk-Adjusted Net Present Value Technology Valuation Model for the Biopharmaceutical Industry

by 📭 Jonghak Woo , 🜓 Eungdo Kim , 📭 Tae-Eung Sung , 📭 Jongtaik Lee , 📭 Kwangsoo Shin and 📭 Jeonghee Lee J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 45; https://doi.org/10.3390/joitmc5030045 - 22 Jul 2019 Cited by 2

Abstract The financial valuation of a drug that is still under development is required for various purposes. The risk-adjusted net present value (r-NPV) method, which recently emerged in the biotech industry, uses the development attrition rate as a discount factor to reflect risk during [...] Read more.

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Universities in the National Innovation Systems: Emerging Innovation Landscapes in Asia-Pacific

by P Venni V. Krishna

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 43; https://doi.org/10.3390/joitmc5030043 - 17 Jul 2019

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Abstract Historically, universities and institutions of higher learning have gone through three academic revolutions, namely, teaching, research, and innovation. Universities and Higher Educational Institutions (HEIs) in the last two decades have come to occupy an important part in the national innovation systems (NIS), which [...] Read more.

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Effect of Student Activity Participation on Accounting Education

by Peon-Hee Park , Tae-Young Paik and Jeong-Ho Koo

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 40; https://doi.org/10.3390/joitmc5030040 - 27 Jun 2019

Abstract Accounting education focuses on delivering knowledge to students. Most student are passive, behaving as bystanders or listeners in lecturer-oriented learning. However, student-centered learning requires active and positive engagement from students to generate effective learning. Board games represent a key driving tool in inducing [...] Read more.

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Productivity Slowdown, Exhausted Opportunities and the Power of Human Ingenuity—Schumpeter Meets Georgescu-Roegen

by 📢 Andreas Pyka , 📢 Kristina Bogner and 📢 Sophie Urmetzer

J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 39; https://doi.org/10.3390/joitmc5030039 - 26 Jun 2019

Abstract Western economies nowadays are confronted with a predicted productivity slowdown resulting in diminishing rates of economic growth. While some scholars see these developments as an indication of the approaching end of growth due to fully exploited technological opportunities, this article contends that the [...] Read more.

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What Dynamic Managerial Capabilities Are Needed for Greater Strategic Alliance Performance?

by 📭 Andrejs Čirjevskis

J. Open Innov. Technol. Mark. Complex. 2019, 5(2), 36; https://doi.org/10.3390/joitmc5020036 - 24 Jun 2019

Abstract Despite the rising interest in the nature of open innovation and its implications for greater strategic alliance performance, limited attention has been paid to what the dynamic managerial capabilities underpinning those processes are. Moreover, only limited research has examined how open innovation is [...] Read more.

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The Effect of Personal Value on CSV (Creating Shared Value)

by 🚇 Jeongho Koo , 🚇 Suhyun Baek and 🚇 Sunah Kim

J. Open Innov. Technol. Mark. Complex. 2019, 5(2), 34; https://doi.org/10.3390/joitmc5020034 - 21 Jun 2019

Abstract The purpose of this study is to reveal the effect of personal value as a part of creating shared value (CSV). We extracted factors of personal value through a literature review. Personal value consists of social commitment, self-actualization, goal setting, and solidarity. Self-actualization [...] Read more.

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Port Digitalization with Open Data: Challenges, Opportunities, and Integrations

by 🜓 Tommi Inkinen , 🕕 Reima Helminen and 🕕 Janne Saarikoski

J. Open Innov. Technol. Mark. Complex. 2019, 5(2), 30; https://doi.org/10.3390/joitmc5020030 - 16 May 2019 Cited by 1

Abstract Digitalization is frequently addressed in recent economic and social scientific literature. This paper applies a distinction to digital data (raw data) and digital technologies (including both software platforms and hardware solutions). The open data is defined as follows: it is publicly available and [...] Read more.

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World Turned Upside Down: Entrepreneurial Decline, Its Reluctant Myths and Troubling Realities

by Philip Cooke

J. Open Innov. Technol. Mark. Complex. 2019, 5(2), 22; https://doi.org/10.3390/joitmc5020022 - 09 Apr 2019 Cited by 2

Abstract The aim of this paper is to attempt to understand why the popular academic and policy field of promoting, studying and evangelising "entrepreneurship" should have been associated with great success but, in the past twenty years or more in many advanced economies, so [...] Read more.

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Operational-Efficiency Improvement of Public R and D Management Agencies in South Korea

by Payung Yong Hwang, Eun Song Bae, Heung Deug Hong and Dae-cheol Kim J. Open Innov. Technol. Mark. Complex. 2019, 5(1), 13; https://doi.org/10.3390/joitmc5010013 - 06 Mar 2019 Cited by 2

Abstract Public R and D management agencies have been taking on key roles in the national R and D ecosystem. The purpose of this study is to suggest ways to improve the operational efficiency of public R and D management agencies based on analysis [...] Read more.

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Basic Income with High Open Innovation Dynamics: The Way to the Entrepreneurial State

by 🚺 Jinhyo Joseph Yun , 🚺 KyungBae Park , 🚺 Sung Duck Hahm and 🚺 Dongwook Kim J. Open Innov. Technol. Mark. Complex. 2019, 5(3), 41; https://doi.org/10.3390/joitmc5030041 - 11 Jul 2019 Cited by 2

Abstract Currently, the world economy is approaching a near-zero growth rate. Governments should move from a market-failureoriented to a system-failure-oriented approach to understanding this problem, and transform to an entrepreneurial state to motivate the Schumpeterian dynamics of open innovation. We want to answer the [...] Read more.

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Disruptive Impacts of Automated Driving Systems on the Built Environment and Land Use: An Urban Planner's Perspective

by Pan Yigitcanlar, Mark Wilson and Md Kamruzzaman J. Open Innov. Technol. Mark. Complex. 2019, 5(2), 24; https://doi.org/10.3390/joitmc5020024 - 24 Apr 2019 Cited by 7

Abstract Cities have started to restructure themselves into 'smart cities' to address the challenges of the 21st Century—such as climate change, sustainable development, and digital disruption. One of the major obstacles to success for a smart city is to tackle the mobility and accessibility [...] Read more.

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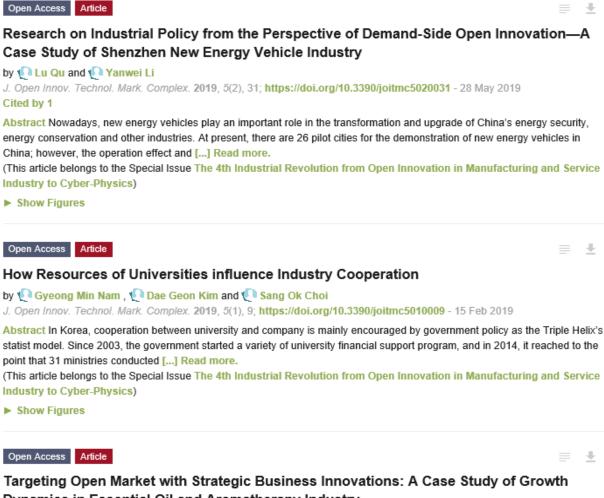
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Vol. 6, Issue 1, (March 2020) 1 Papers

3-2. 2018 Journal of Open Innovation Technology: Market, Complexity



Dynamics in Essential Oil and Aromatherapy Industry

by Min-Ren Yan , Chun-Han Wang , Nelson Jose Cruz Flores and Ying-Yueh Su J. Open Innov. Technol. Mark. Complex. 2019, 5(1), 7; https://doi.org/10.3390/joitmc5010007 - 05 Feb 2019 Cited by 2

Abstract Essential oil and aromatherapy industry is increasingly gaining prominence in the global market. Previous studies have been carried out on the benefits of essential oils in healthcare and as part of the healing arts of many cultures, as a proven method of caring [...] Read more.

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Carbon Sequestration in the Urban Areas of Seoul with Climate Change: Implication for Open Innovation in Environmental Industry

by Pang-Don Lee and Sun-Soon Kwon

J. Open Innov. Technol. Mark. Complex. 2018, 4(4), 48; https://doi.org/10.3390/joitmc4040048 - 08 Oct 2018 Cited by 2

Abstract This study estimates the impact of potential climate change, and human interference (anthropogenic deforestation), on temperate forest carbon pool change in the capital area of South Korea, using a dynamic global vegetation model (DGVM). Additionally, the characteristics of forest carbon pool change were [...] Read more.

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Regional Innovation Systems in Policy Laboratories

by P Andreas Pyka , Matthias Mueller and Muhamed Kudic

J. Open Innov. Technol. Mark. Complex. 2018, 4(4), 44; https://doi.org/10.3390/joitmc4040044 - 21 Sep 2018 Cited by 2

Abstract Innovation policy and business strategy often expect that investing in private and public research and development will immediately produce a flow of products and processes with high commercial and social returns. Policymakers and managers implicitly follow the logic underlying most linear innovation models [...] Read more.

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E-Payment Technology Effect on Bank Performance in Emerging Economies-Evidence from Nigeria

by Paidi Atanda Mustapha

J. Open Innov. Technol. Mark. Complex. 2018, 4(4), 43; https://doi.org/10.3390/joitmc4040043 - 21 Sep 2018

Abstract The development of the financial sector has been a major growth driver in all economies, especially in emerging economies. Part of the financial innovations in the sector in recent times is the electronic payment system. Several studies in developed countries have substantiated the [...] Read more.

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Sustainable Production Scheduling in Open Innovation Perspective under the Fourth Industrial Revolution

by 📭 Sang-Oh Shim , 📭 KyungBae Park and 📭 SungYong Choi J. Open Innov. Technol. Mark. Complex. 2018, 4(4), 42; https://doi.org/10.3390/joitmc4040042 - 21 Sep 2018 Cited by 5

Abstract This research addresses a specific issue in the field of operation scheduling. Even though there are lots of researches on the field of planning and scheduling, a specific scheduling problem is introduced here. We focus on the operation scheduling requirements that the Fourth [...] Read more.

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A Study on the Factors Affecting Decrease in the Government Corruption and Mediating Effects of the Development of ICT and E-Government—A Cross-Country Analysis

by P Kangwon Lee , P Sang Ok Choi , Jinha Kim and Mijin Jung J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 41; https://doi.org/10.3390/joitmc4030041 - 03 Sep 2018 Cited by 4

Abstract Purpose: As the development of high technology, information and communications technology (ICT) and e-government has pursued improving efficiency, productivity, democracy, responsiveness and transparency in government, the demand for efficient government administration systems and government transparency has increased. Thus, this study aims to derive [...]

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The Efficiency Analysis of National R&D Planning for the Field of Precision Medicine in Korea

by PangRae Lee, PEunSoo Sohn, DongKyu Won, WoonDong Yeo, KwangHoon Kim and Sanggook Kim

J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 39; https://doi.org/10.3390/joitmc4030039 - 22 Aug 2018 Cited by 1

Abstract Precision medicine has received a lot of attention in recent years and we have not yet found any research cases that apply Data Envelopment Analysis (DEA) to investment decision making in this area. The purpose of this study is to analyze the relative [...] Read more.

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The System Thinking Perspective in the Open-Innovation Research: A Systematic Review

by Mario Tani , Ornella Papaluca and Pasquale Sasso J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 38; https://doi.org/10.3390/joitmc4030038 - 18 Aug 2018 Cited by 12

Abstract The new logics of competitions are mostly based on exploiting relationships to implement new mechanisms in managing Knowledge, Today, a successful company should be, lean, modular, and with a smart approach to new products development. In this context, the source of competitive advantage [...] Read more.

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Development of the WISH (Well-Aging Indexing for Senior Health) Platform for Happiness

by Park, Par J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 36; https://doi.org/10.3390/joitmc4030036 - 09 Aug 2018 Cited by 1

Abstract Humans now have a life expectancy of nearly 90 years and, as a result, society is rapidly aging. These longer life spans have, however, increased the average length of hospitalization for elderly adults suffering from chronic diseases such as cancer, diabetes, and encephalopathy. [...] Read more.

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The Impact of E-Hailing Competition on the Urban Taxi Ecosystem and Governance Strategy from a Rent-Seeking Perspective: The China E-Hailing Platform

by PLei Ma , Tao Li , Jinxi Wu and Dandan Yan J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 35; https://doi.org/10.3390/joitmc4030035 - 09 Aug 2018 Cited by 3

Abstract Nowadays, the way of Internet travel in China presents diversified development. Rapid expansion in the personal mobile terminal and Internet infrastructure for the Internet travels to the ecosystem of development and evolution. This paper explores the influence of the expansion of the e-hailing [...] Read more.

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Measuring the Efficiency of U.S. Pharmaceutical Companies Based on Open Innovation Types

by Missoon Shin, Daeho Lee, Missoon Shin and Eungdo Kim J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 34; https://doi.org/10.3390/joitmc4030034 - 08 Aug 2018 Cited by 3

Abstract The pharmaceutical industry, where research and development (R&D) efficiency is central to company survival, has recently faced significant challenges. To increase efficiency, companies must implement strategies such as open innovation (OI), wherein they sell their intellectual property, maximize their use of external resources, [...] Read more.

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Framing Open Innovation in Start-Ups' Incubators: A Complexity Theory Perspective

by Cinzia Battistella . Alberto F. De Toni and Elena Pessot J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 33; https://doi.org/10.3390/joitmc4030033 - 07 Aug 2018 Cited by 3

Abstract Recently, concepts and principles from the Complexity Theory (or, generally speaking, the complexity sciences) have been applied as a perspective for capturing the influence of the context, interaction, and adaption in the innovation processes, such as the ones enabled in the business incubators. [...] Read more.

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Learning Mode and Strategic Concept for the 4th Industrial Revolution

by Pumio Kodama

J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 32; https://doi.org/10.3390/joitmc4030032 - 06 Aug 2018

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Abstract Compared to information technology (IT) revolutions, which are characterized by disruptive innovations, the innovations required for the 4th Industrial Revolution will be characterized by the cumulativeness of the innovations. Therefore, we will need new modes of technological learning and new strategic concepts. The [...] Read more.

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Evaluating Determinant Priority of License Fee in Biotech Industry

by Jeong Hee Lee, Tae-Eung Sung, Eungdo Kim and Kwangsoo Shin

J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 30; https://doi.org/10.3390/joitmc4030030 - 02 Aug 2018

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Abstract This research aimed to build a solid basis through analytic hierarchy process (AHP) analysis to develop a reliable and practical valuation model that reflects the characteristics of the biotech industry and propose a reference formula to estimate the license fee by drug class [...] Read more.

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Identifying Stakeholders and Interactions in the Dementia Café in Seongju through Empathic Service Design Approaches

by 1 Taesun Kim

J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 28; https://doi.org/10.3390/joitmc4030028 - 18 Jul 2018 Cited by 3

Abstract (1) Background: As we enter the experience economy, industrial design has focused on social innovation and has flowed into social design. This fresh design perspective has been employed in citizen-centered-policymaking through empathic approaches that emphasize the necessity of public service design. Focusing on [...] Read more.

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Exploring the Entrepreneurial Intention of Female Students in Italy

by Luca Ferri, Gianluca Ginesti, Rosanna Spanò and Annamaria Zampella
J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 27; https://doi.org/10.3390/joitmc4030027 - 03 Jul 2018
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Abstract The aim of this paper is to investigate the entrepreneurial intention of Italian female students according to the Ajzen's Theory of Planned Behaviour (TPB). In particular, we analysed the women's intention to become entrepreneurs because the relevance of the female entrepreneurship phenomenon is [...] Read more.

(This article belongs to the Special Issue The 4th Industrial Revolution from Open Innovation in Manufacturing and Service Industry to Cyber-Physics)

Managing Strategic Partnerships with Universities in Innovation Ecosystems: A Research Agenda

by 📢 Giovanni Schiuma and 📢 Daniela Carlucci

J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 25; https://doi.org/10.3390/joitmc4030025 - 28 Jun 2018 Cited by 5

Abstract This paper proposes a research agenda for understanding how to establish and develop strategic partnerships with universities in innovation ecosystems, aimed to support the development of companies' entrepreneurial and innovation development capacities. In particular, the paper suggests an integrated model to explore how [...] Read more.

(This article belongs to the Special Issue The 4th Industrial Revolution from Open Innovation in Manufacturing and Service Industry to Cyber-Physics)

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Open Access Article



Efficiency Analysis of the Royalty System from the Perspective of Open Innovation

by Byung Yong Hwang, Hee Ju Jun, Mee Hyang Chang and Dae Cheol Kim
J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 22; https://doi.org/10.3390/joitmc4030022 - 22 Jun 2018
Cited by 2

Abstract The purpose of this study is to suggest efficiency improvement using the analysis of the efficiency of the royalty system for government-funded research institutes (GRIs) belonging to the National Research Council of Science & Technology (NST). Twenty three GRIs' royalty incomes and expenses [...] Read more.

(This article belongs to the Special Issue The 4th Industrial Revolution from Open Innovation in Manufacturing and Service Industry to Cyber-Physics)

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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

by MinHwa Lee , JinHyo Joseph Yun , Andreas Pyka , DongKyu Won , Fumio Kodama , Giovanni Schiuma , Hang Sik Park , Jeonghwan Jeon , KyungBae Park , KwangHo Jung , Min-Ren Yan , SamYoul Lee and Xiaofei Zhao

J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 21; https://doi.org/10.3390/joitmc4030021 - 21 Jun 2018

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Abstract Since Klaus Schwab and the World Economic Forum declared the arrival of the Fourth Industrial Revolution, there has been much discussion about it. However, there is no commonly agreed-upon definition of the Fourth Industrial Revolution.

Therefore, we attempted to answer the following four [...] Read more.

(This article belongs to the Special Issue The 4th Industrial Revolution from Open Innovation in Manufacturing and Service Industry to Cyber-Physics)

SOItmC Roundtable Paper

SOItmC 2018 Keynote Speech Paper



Competitive Advantage and Its Impact on New Product Development Strategy (Case Study: Toos Nirro Technical Firm)

by 📭 Akram Sadat Hosseini , 📭 Sanaz Soltani and 📭 Mohammad Mehdizadeh J. Open Innov. Technol. Mark. Complex. 2018, 4(2), 17; https://doi.org/10.3390/joitmc4020017 - 26 May 2018 Cited by 6

Abstract Although new product development and its importance for companies as a new approach is accompanied by risks, identification of competitive advantage factors can be helpful for managers in reduction of decision-making risks. The Toos Nirro technical firm is a leading company in meeting [...] Read more.

(This article belongs to the Special Issue The 4th Industrial Revolution from Open Innovation in Manufacturing and Service Industry to Cyber-Physics)

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Synergy in Knowledge-Based Innovation Systems at National and Regional Levels: The Triple-Helix Model and the Fourth Industrial Revolution

by 1 Loet Leydesdorff

J. Open Innov. Technol. Mark. Complex. 2018, 4(2), 16; https://doi.org/10.3390/joitmc4020016 - 16 May 2018 Cited by 11

Abstract Unlike national systems of innovation, a knowledge-based economy is grounded in the volatility of discursive knowledge enabling us to specify expectations. Expectations can be improved by testing them against observations. Furthermore, expectations can be codified in different ways; for example, in terms of [...] Read more.

(This article belongs to the Special Issue The 4th Industrial Revolution from Open Innovation in Manufacturing and Service Industry to Cyber-Physics)

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by Valentina Della Corte

J. Open Innov. Technol. Mark. Complex. 2018, 4(4), 47; https://doi.org/10.3390/joitmc4040047 - 02 Oct 2018 Cited by 2

Abstract The paper focuses on the topic of the relationship between coopetition and innovation as well as on their impact on competitive advantage. Before getting to the central issue, a literature review on the topic of coopetition is carried out, in order to catch [...] Read more.

(This article belongs to the Special Issue The 4th Industrial Revolution from Open Innovation in Manufacturing and Service Industry to Cyber-Physics)

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Open Access Case Report

A Study on the Effectiveness of Entrepreneurship Education Programs in Higher Education Institutions: A Case Study of Korean Graduate Programs

by 📭 Chung-Gyu Byun , 📭 Chang Soo Sung , 📭 Joo Y. Park and 📭 Dae Soo Choi J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 26; https://doi.org/10.3390/joitmc4030026 - 28 Jun 2018 Cited by 8

Abstract The purpose of this study is to verify the effectiveness of the entrepreneurship curriculum and the educational program recognized by students and graduates. This paper has studied the improvement of curriculum and educational programs operated by the Graduate School of Entrepreneurship by using [...] Read more.

(This article belongs to the Special Issue The 4th Industrial Revolution from Open Innovation in Manufacturing and Service Industry to Cyber-Physics)

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Benefits and Costs of Closed Innovation Strategy: Analysis of Samsung's Galaxy Note 7 **Explosion and Withdrawal Scandal**

by 🕛 Jinhyo Joseph Yun , 🜓 JeongHwan Jeon , 🜓 KyungBae Park and 📭 Xiaofei Zhao J. Open Innov. Technol. Mark. Complex. 2018, 4(3), 20; https://doi.org/10.3390/joitmc4030020 - 21 Jun 2018 Cited by 9 | Viewed by 3553

Abstract The Samsung Galaxy Note 7 has been withdrawn from the market after a number of the devices exploded after its launch in 2016. Our research seeks to answer three questions and proceeds as follows. Did the closed innovation of Samsung trigger the Galaxy [...] Read more.

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Vol. 4, Issue 3, (September 2018) 15 Papers

Vol. 4, Issue 4, (December 2018) *5* Papers

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Vol. 5, Issue 2, (March 2019) 1 Papers

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3-3. 2017 Journal of Open Innovation Technology: Market, Complexity

J. Open Innov. Technol. Mark. Complex., Volume 3, Issue 1 (March 2017)

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Open Access | Case Report

Student customized creative education model based on open innovation

by Sun ah Kim, Hyo yun Ryoo and Hee joo Ahn

J. Open Innov. Technol. Mark. Complex. 2017, 3(1), 6; https://doi.org/10.1186/s40852-016-0051-y (registering DOI)Received: 20 July 2016 / Accepted: 27 December 2016 / Published: 3 March 2017

Cited by 5 | PDF Full-text (985 KB)

Abstract As the creative economy has developed, the university has been given an important role of nurturing creative talents that companies desire to have. The most important objective in creative education is to provide a support system and a good environment for fostering creativity. [...] Read more.

Open Access Article

Natural disasters and deterrence of economic innovation: a case of temporary job losses by Hurricane Sandy

by JiYoung Park, Minsu Son and ChangKeun Park

J. Open Innov. Technol. Mark. Complex. 2017, 3(1), 5; https://doi.org/10.1186/s40852-017-0055-2 (registering DOI)Received: 16 September 2016 / Accepted: 31 January 2017 / Published: 1 March 2017

Cited by 1 | PDF Full-text (1263 KB)

Abstract Quantifying many natural disasters economically is a global concern. Even in the U.S., economic damages stemming from natural disasters are experienced annually. Unexpected natural disasters result in various economic and business management disruptions. Especially, complex inter-industrial and inter-regional connections in established economies may [...] Read more.

Open Access Article

Transfer of know-how based on learning outcomes for development of open innovation

by Mikus Dubickis and Elīna Gaile-Sarkane

J. Open Innov. Technol. Mark. Complex. 2017, 3(1), 4; https://doi.org/10.1186/s40852-017-0053-4 (registering DOI)
Received: 31 August 2016 / Accepted: 11 January 2017 / Published: 22 February 2017

Cited by 3 | PDF Full-text (607 KB)

Abstract The Paper focuses on the inbound know-how transfer for the development of open innovation as an approach to business management. It can be a challenging task for useful and meaningful transfer of external know-how to create value, thus the addressed research questions are: [...] Read more.

Open Access Article

Medical innovation and social externality

by Chul-Young Roh and SangHeon Kim

J. Open Innov. Technol. Mark. Complex. 2017, 3(1), 3; https://doi.org/10.1186/s40852-017-0056-1 (registering DOI)
Received: 31 December 2016 / Accepted: 31 January 2017 / Published: 16 February 2017
Cited by 3 | PDF Full-text (351 KB)

Abstract Healthcare expenditure in the United States has grown and will continue to increase. The increasing healthcare expenditure is to reduce real income as well as to diminish total utility and increase financial stresses. This study argues that the most critical factor that increases [...] Read more.

Open Access Article

Effects to implement the open-innovation coordinative strategies between manufacturer and retailer in reverse supply chain

by Sungwook Yoon and Sukjae Jeong

J. Open Innov. Technol. Mark. Complex. 2017, 3(1), 2; https://doi.org/10.1186/s40852-017-0054-3 (registering DOI) Received: 31 July 2016 / Accepted: 31 January 2017 / Published: 10 February 2017 Cited by 2 | PDF Full-text (1764 KB)

Abstract A reverse supply chain, as a post-consumption activity, aims at extracting value from products at end of their life cycle (Mafakher and Nasiri, Journal of Cleaner Production 59: 185–196, 2013). As well, company's awareness is attracting increasing attention toward sustainable business practices. Open-innovation [...] Read more.

Open Access Case Report

Sources of scientific creativity: participant observation of a public research institute in Korea

by Youngjoo Jang and Youngjoo Ko

J. Open Innov. Technol. Mark. Complex. 2017, 3(1), 1; https://doi.org/10.1186/s40852-017-0052-5 (registering DOI)
Received: 4 August 2016 / Accepted: 29 September 2016 / Published: 17 January 2017
Cited by 2 | PDF Full-text (712 KB)

Abstract This study aims to find the factors of scientists' creative thoughts by observing directly their laboratories in Korea Research Institute of Chemical Technology (KRICT). The participant observation was performed for 5 months from December 2013 through April 2014, and the research object was [...] Read more.

J. Open Innov. Technol. Mark. Complex., Volume 3, Issue 2 (June 2017)

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Complex spaces: global innovation networks & territorial innovation systems in information & communication technologies

by Philip Cooke

J. Open Innov. Technol. Mark. Complex. 2017, 3(2), 9; https://doi.org/10.1186/s40852-017-0060-5 (registering DOI) Received: 20 March 2017 / Accepted: 25 May 2017 / Published: 22 June 2017

Cited by 4 | PDF Full-text (1151 KB)

Abstract This paper brings together two related bodies of theory that assist understanding of processes of sociotechnical system change on the global scale. These are, first, the Global Value Chain perspective (GVC) that has now mutated into Global Production Networks (GPN) and, more recently, [...] Read more.

Open Access Article

Emerging clean transportation technologies and distribution of reduced greenhouse gas emissions in Southern California

by ChangKeun Park, JiYoung Park and Simon Choi

J. Open Innov. Technol. Mark. Complex. 2017, 3(2), 8; https://doi.org/10.1186/s40852-017-0059-y (registering DOI) Received: 4 January 2017 / Accepted: 22 April 2017 / Published: 15 May 2017 PDF Full-text (1328 KB)

Abstract Technological innovation in transportation and the related industrial and entrepreneurial ecosystems can reduce urban environmental risks, maintaining urban environments. This study measures inter-county spillovers of the greenhouse gas (GHG) emissions impact associated with economic activity changes in the Southern California region when emerging [...] Read more.

J. Open Innov. Technol. Mark. Complex., Volume 3, Issue 3 (September 2017)

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Open Access Article

A case study on the improvement of institution of "High-Risk High-Return R&D" in Korea

by Byung Yong Hwang, Hee Ju Jun, Mee Hyang Chang and Dae Cheol Kim

J. Open Innov. Technol. Mark. Complex. 2017, 3(3), 19; https://doi.org/10.1186/s40852-017-0069-9 (registering DOI)
Received: 17 August 2017 / Accepted: 5 September 2017 / Published: 29 September 2017
Cited by 1 | PDF Full-text (486 KB)

Abstract Despite the increase of government spending on R&D in South Korea, there have been limits in enhancing the challenging trait and creativity of research outcomes. A new approach to the current mode of R&D is considered necessary to tackle this problem. In 2015, [...] Read more.

Open Access Article

Cluster policy: insights from the German leading edge cluster competition

by M. Rothgang, U. Cantner, J. Dehio, D. Engel, M. Fertig, H. Graf, S. Hinzmann, E. Linshalm, M. Ploder, A. -M. Scholz and S. Töpfer

J. Open Innov. Technol. Mark. Complex. 2017, 3(3), 18; https://doi.org/10.1186/s40852-017-0064-1 (registering DOI)
Received: 3 July 2017 / Accepted: 28 July 2017 / Published: 22 September 2017

Cited by 3 | PDF Full-text (1832 KB)

Abstract With its Leading-Edge Cluster Competition (in German: Spitzencluster-Wettbewerb; LECC), the Federal Ministry of Education and Research (Bundesministerium für Bildung und Forschung, BMBF) is supporting innovation clusters in a nationwide contest for the first time. In three waves, 15 cluster initiatives were selected and [...] Read more.



Connecting corporations and communities: Towards a theory of social inclusive open innovation

by Anil Gupta, Anamika Dey and Gurdeep Singh

J. Open Innov. Technol. Mark. Complex. 2017, 3(3), 17; https://doi.org/10.1186/s40852-017-0062-3 (registering DOI)
Received: 12 June 2017 / Accepted: 6 July 2017 / Published: 21 September 2017

Cited by 4 | PDF Full-text (1554 KB)

Abstract Despite pervasiveness of the market forces and supplementary role of the state and in some cases, even civil society organisations, there are unmet social needs which remain unaddressed by the existing institutions. With industrial growth becoming jobless, the need for new models of [...] Read more.

Open Access Article

Americanization in Lithuania as a driving force for globalization

by Agné Šimelyté, Renata Korsakiené and Deniss Ščeulovs

J. Open Innov. Technol. Mark. Complex. 2017, 3(3), 16; https://doi.org/10.1186/s40852-017-0070-3 (registering DOI)
Received: 1 July 2017 / Accepted: 5 September 2017 / Published: 11 September 2017
PDF Full-text (607 KB)

Abstract Purpose: The purpose of the article is to analyze Americanization patterns in Lithuania by exploring socioeconomic and cultural factors and to determine the impact of Americanization on the level of globalization of the country and its economy. **Design/methodology:** The research employs both qualitative [...] **Read more**.

Open Access Article

Exploitation of architectural knowledge and innovation

by Junghee Han

J. Open Innov. Technol. Mark. Complex. 2017, 3(3), 15; https://doi.org/10.1186/s40852-017-0068-x (registering DOI)
Received: 14 April 2017 / Accepted: 23 August 2017 / Published: 6 September 2017
Cited by 2 | PDF Full-text (1335 KB)

Abstract Knowledge across several segments appears to be a necessary ingredient to innovation in the case of an architectural shift. Innovative firms utilize their knowledge stock to confront the competitive market. This paper demonstrates that exploitation of accumulated knowledge leads to architectural innovation. Ironically, [...] Read more.

Taking advantage of emergence for complex innovation eco-systems

by Deborah Dougherty

J. Open Innov. Technol. Mark. Complex. 2017, 3(3), 14; https://doi.org/10.1186/s40852-017-0067-y (registering DOI)
Received: 10 June 2017 / Accepted: 18 August 2017 / Published: 30 August 2017
Cited by 4 | PDF Full-text (558 KB)

Abstract Our most pressing societal problems such as enhancing health care, developing alternate energy, revitalizing cities, and advancing the economy are complex innovation eco-systems. Complex innovation eco-systems are the next frontier in technology and innovation management, and require a transformation in strategic and institutional [...] Read more.

Open Access Article

The business model prism: managing and innovating business models of arts and cultural organisations

by Giovanni Schiuma and Antonio Lerro

J. Open Innov. Technol. Mark. Complex. 2017, 3(3), 13; https://doi.org/10.1186/s40852-017-0066-z (registering DOI)
Received: 14 July 2017 / Accepted: 10 August 2017 / Published: 30 August 2017
Cited by 5 | PDF Full-text (922 KB)

Abstract Purpose: This paper introduces and analyses the Business Model Prism (BMP) for the arts and cultural organizations as multidimensional framework to map the "as is" structure and the logic of their business model as well as to drive the design of innovation initiatives, [...] Read more.

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Capitalism as a complex adaptive system and its growth

by Ulrich Witt

J. Open Innov. Technol. Mark. Complex. 2017, 3(3), 12; https://doi.org/10.1186/s40852-017-0065-0 (registering DOI)
Received: 11 July 2017 / Accepted: 8 August 2017 / Published: 19 August 2017
Cited by 3 | PDF Full-text (447 KB)

Abstract Complex adaptive systems consist of a multitude of agents from whose individual adaptation efforts the adaptive behavior of the system as a whole emerges. In this paper it will be argued that capitalism is a complex adaptive system. Except for its particular mode [...] Read more.

Open Access Article

Sustainable development of smart cities: a systematic review of the literature

by Evelin Priscila Trindade, Marcus Phoebe Farias Hinnig, Eduardo Moreira da Costa, Jamile Sabatini Marques, Rogério Cid Bastos and Tan Yigitcanlar

J. Open Innov. Technol. Mark. Complex. 2017, 3(3), 11; https://doi.org/10.1186/s40852-017-0063-2 (registering DOI)
Received: 16 May 2017 / Accepted: 22 July 2017 / Published: 4 August 2017
Cited by 3 | PDF Full-text (904 KB)

Abstract This paper aims to analyse scientific studies focusing on both environmental sustainability and smart city concepts to understand the relationship between these two. In order to do so the study identifies information about researchers, models, frameworks and tools focused on the chosen themes. [...] Read more.

Open Access Article

A ground-up "Quaternary" innovation strategy for South Korea using entrepreneurial ecosystem platforms

by Philip Cooke

J. Open Innov. Technol. Mark. Complex. 2017, 3(3), 10; https://doi.org/10.1186/s40852-017-0061-4 (registering DOI)
Received: 21 May 2017 / Accepted: 21 June 2017 / Published: 12 July 2017
PDF Full-text (577 KB)

Abstract This paper offers an account of the recent economic slowdown in the growth trajectory formerly enjoyed by South Korea as one of the first "Asian Tigers". Indicators are provided that, unlike the others, Hong Kong, Singapore and Taiwan that have continued their upward [...] Read more.

J. Open Innov. Technol. Mark. Complex., Volume 3, Issue 4 (December 2017)

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Open Access Article

Dedicated innovation systems to support the transformation towards sustainability: creating income opportunities and employment in the knowledge-based digital bioeconomy

by Andreas Pyka

J. Open Innov. Technol. Mark. Complex. 2017, 3(4), 27; https://doi.org/10.1186/s40852-017-0079-7 (registering DOI) Received: 22 August 2017 / Accepted: 11 December 2017 / Published: 28 December 2017 Cited by 1 | PDF Full-text (450 KB)

Abstract In order to counter something to the most thrilling challenges of mankind at the beginning of the twenty-first century, production and consumption systems need to transform towards sustainability. We argue that the knowledgebased bioeconomy and digitalization are two promising technological approaches which require [...] Read more.

Open Access Article

Cost aggregation in export logistics chain

by Esa Hämäläinen, Elen Twrdy and Tommi Inkinen

J. Open Innov. Technol. Mark. Complex. 2017, 3(4), 26; https://doi.org/10.1186/s40852-017-0077-9 (registering DOI) Received: 27 June 2017 / Accepted: 14 November 2017 / Published: 23 November 2017 Cited by 2 | PDF Full-text (956 KB)

Abstract This paper analyses cost aggregation in a supply chain. It provides a literature overview on the key concepts of cost aggregation, multimodal transport, logistic chain and maritime transport. The focuses on the value adding process with logistics data and assesses the costs accumulation [...] Read more.

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Innovation systems research: an agenda for developing countries

by Abiodun Egbetokun, Adekemi Jessica Oluwadare, Blessing Funke Ajao and Oluseye Oladayo Jegede J. Open Innov. Technol. Mark. Complex. 2017, 3(4), 25; https://doi.org/10.1186/s40852-017-0076-x (registering DOI) Received: 17 May 2017 / Accepted: 6 November 2017 / Published: 21 November 2017 Cited by 1 | PDF Full-text (471 KB)

Abstract The continued relevance of the systems approach to the study of innovation, especially in developed countries, has been the subject of recent discourses. This paper argues that with respect to developing countries, discussions on innovation systems are yet to be exhausted. Against this [...] Read more.

Open Access Article

Technology convergence, open innovation, and dynamic economy

by Hang Sik Park

J. Open Innov. Technol. Mark. Complex. 2017, 3(4), 24; https://doi.org/10.1186/s40852-017-0074-z (registering DOI) Received: 4 July 2017 / Accepted: 30 October 2017 / Published: 21 November 2017 Cited by 1 | PDF Full-text (658 KB)

Abstract The world economy has been confronting low economic growth for several years. Many experts agree that concepts such as openness, convergence, and creation of new market demand through new emerging technologies (e.g. Internet of Things, big data, and Artificial Intelligence) may solve the [...] Read more.

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Beyond fusion towards IoT by way of open innovation: an investigation based on the Japanese machine tool industry 1975-2015

by Fumio Kodama and Tomoatsu Shibata

J. Open Innov. Technol. Mark. Complex. 2017, 3(4), 23; https://doi.org/10.1186/s40852-017-0073-0 (registering DOI) Received: 26 August 2017 / Accepted: 28 October 2017 / Published: 13 November 2017 PDF Full-text (1126 KB)

Abstract In a last few decades, innovation research scholars proposed several new concepts, one after another, but independently, and in a chronological sequence; technology fusion; digital convergence; disruptive technology; open innovation; and IoT (Internet of Things). Each concept has its own explaining power for [...] Read more.

The effect of Hallyu on tourism in Korea

by Eun-song Bae, Meehyang Chang, Eung-Suk Park and Dae-cheol Kim

J. Open Innov. Technol. Mark. Complex. 2017, 3(4), 22; https://doi.org/10.1186/s40852-017-0075-y (registering DOI)
Received: 8 September 2017 / Accepted: 30 October 2017 / Published: 10 November 2017
PDF Full-text (499 KB)

Abstract The purposes of the study are to estimate inbound tourism demand and to analyze the effect of the Korean Wave and Economic indicators on it. For these purposes, we examined the influence of Korean Wave, GDP, CPI and exchange rate on inbound tourism [...] Read more.

Open Access Article

The features of economic growth in the case of Latvia and Lithuania

by Irena Danileviciene and Natalja Lace

J. Open Innov. Technol. Mark. Complex. 2017, 3(4), 21; https://doi.org/10.1186/s40852-017-0071-2 (registering DOI)
Received: 12 July 2017 / Accepted: 9 September 2017 / Published: 24 October 2017
PDF Full-text (776 KB)

Abstract Innovation based growth and development is a hot topic in all economies of the world. Openness of mind, openness of businesses and openness of innovation are the key characteristics and success factors of the global world today. Growth and development strategies are becoming [...] Read more.

Open Access Article

Arts catalyst of creative organisations for the fourth industrial revolution

by Giovanni Schiuma

J. Open Innov. Technol. Mark. Complex. 2017, 3(4), 20; https://doi.org/10.1186/s40852-017-0072-1 (registering DOI)
Received: 14 September 2017 / Accepted: 13 October 2017 / Published: 23 October 2017
Cited by 2 | PDF Full-text (457 KB)

Abstract Today's digital era challenges organisations not only to follow the technological trajectories, by developing new technological solutions and/or adopting the latest disruptive technology, but most importantly to become creative and resilient organic systems that are open to changes and keen to experiment and [...] Read more.

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J. Open Innov. Technol. Mark. Complex., Volume 2, Issue 1 (March 2016)

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Open Access Erratum

Erratum to: Smartness that matters: towards a comprehensive and humancentred characterisation of smart cities

by Alexander Prado Lara, Eduardo Moreira Da Costa, Thiago Zilinscki Furlani and Tan Yigitcanlar

J. Open Innov. Technol. Mark. Complex. 2016, 2(1), 8; https://doi.org/10.1186/s40852-016-0035-y (registering DOI) Received: 1 July 2016 / Accepted: 1 July 2016 / Published: 6 July 2016 PDF Full-text (803 KB)

Abstract

After publication of the original article (Lara et al. 2016), it was noted that one of the author's names was presented incorrectly[...] Full article

Open Access Article

Innovation capability and its role in enhancing the relationship between TQM practices and innovation performance

by Maha Mohammed Yusr

J. Open Innov. Technol. Mark. Complex. 2016, 2(1), 6; https://doi.org/10.1186/s40852-016-0031-2 (registering DOI) Received: 7 November 2015 / Accepted: 26 January 2016 / Published: 22 February 2016 Cited by 11 | PDF Full-text (583 KB)

Abstract Innovation plays a critical role in predicting the long-term survival of organizations, determining an organization's success and sustaining its global competitiveness, especially in an environment where technologies, competitive position and customer demands can change almost overnight, and where the life-cycle of products and [...] Read more.

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Research ethics education in Korea for overcoming culture and value system differences

by Hwan-Jin Nho

J. Open Innov. Technol. Mark. Complex. 2016, 2(1), 4; https://doi.org/10.1186/s40852-016-0030-3 (registering DOI) Received: 23 October 2015 / Accepted: 17 January 2016 / Published: 25 January 2016 Cited by 4 | PDF Full-text (497 KB)

Abstract Although ethical standards and procedures for research in Korea have developed closer to global standards, applying those standards and procedures have led significant conflicts widely due to the cultural differences. In Korea where relationship-centered East Asian values are crucial, it is difficult for [...] Read more.

Open Access Article

A study on the accountability of the regional R&D program: the case of APCTP

by Jinwon Kang and Seongsik Cho

J. Open Innov. Technol. Mark. Complex. 2016, 2(1), 3; https://doi.org/10.1186/s40852-016-0029-9 (registering DOI) Received: 23 October 2015 / Accepted: 30 December 2015 / Published: 20 January 2016 Cited by 3 | PDF Full-text (560 KB)

Abstract In order to develop Asia-Pacific Center for Theoretical Physics (APCTP), it is necessary to respond various kind of accountabilities around research environment as well as research capacity and international reputation. APCTP, the case of this research, has achieved its goal through proper handling [...] Read more.

Open Access Article

The scope of coaching in the context of organizational change

by Angelina Rosha and Natalia Lace

J. Open Innov. Technol. Mark. Complex. 2016, 2(1), 2; https://doi.org/10.1186/s40852-016-0028-x (registering DOI) Received: 3 September 2015 / Accepted: 6 January 2016 / Published: 16 January 2016 Cited by 2 | PDF Full-text (613 KB)

Abstract The aim of this paper is to explore the scope of coaching in the context of organizational change considering peculiar issues associated with the use of coaching in Latvia and Lithuania.

This two-stage study seeks to answer the following research questions. How is [...] Read more.

Open Access Article

Valuations using royalty data in the life sciences area—focused on anticancer and cardiovascular therapies

by Jeong Hee Lee, Youngyong In, I-Hyung Lee and Joon Woo Lee

J. Open Innov. Technol. Mark. Complex. 2016, 2(1), 1; https://doi.org/10.1186/s40852-015-0025-5 (registering DOI) Received: 23 July 2015 / Accepted: 8 December 2015 / Published: 15 January 2016 Cited by 3 | PDF Full-text (3953 KB)

Abstract Purpose: This research seeks to answer the basic question, "How can we build up the formula to estimate the proper royalty rate and up-front payment using the data I can get simply as input?" This paper suggests a way to estimate the proper [...] Read more.

J. Open Innov. Technol. Mark. Complex., Volume 2, Issue 2 (June 2016)

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Open Access Article

Smartness that matters: towards a comprehensive and human-centred characterisation of smart cities

by Alexander Prado Lara, Eduardo Moreira Da Costa, Thiago Zilinscki Furlani and Tan Yigitcanla

J. Open Innov. Technol. Mark. Complex. 2016, 2(2), 8; https://doi.org/10.1186/s40852-016-0034-z (registering DOI) Received: 6 April 2016 / Accepted: 27 May 2016 / Published: 23 June 2016

Cited by 8 | PDF Full-text (803 KB)

Abstract The term 'smart cities' is a widely used, but at the same time a highly fuzzy concept. The fuzziness hinders our understanding on the benefits of its adoption, and explains the existence of many relevant activities with fragmented or distorted views of what [...] Read more.

Open Access Article

Dynamics from open innovation to evolutionary change

by JinHyo Joseph Yun, DongKyu Won and Kyungbae Park

J. Open Innov. Technol. Mark. Complex. 2016, 2(2), 7; https://doi.org/10.1186/s40852-016-0033-0 (registering DOI)
Received: 6 January 2015 / Accepted: 27 April 2016 / Published: 14 May 2016
Cited by 37 | PDF Full-text (1734 KB)

Abstract We created conceptual models that people may use to analyze and forecast the dynamic effects of open innovation, which we applied to the smartphone sector using a model-based analysis approach. In addition, we built an open innovation simulation model for the smartphone sector. [...] Read more.

Vol. 2, Issue 1, (March 2016) 6 Papers

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Vol. 2, Issue 3, (September 2016) 11 Papers

Vol. 2, Issue 4, (December 2016) *11* Papers

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J. Open Innov. Technol. Mark. Complex., Volume 2, Issue 3 (September 2016)

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Open Access Article

Study for selection of industrial areas suitable to small and medium-sized enterprises (SMEs) in Korea

by Jun-Hwan Park, Bangrae Lee, Yeong-Ho Moon and Lee-Nam Kwon

J. Open Innov. Technol. Mark. Complex. 2016, 2(3), 19; https://doi.org/10.1186/s40852-016-0045-9 (registering DOI) Received: 6 July 2016 / Accepted: 3 September 2016 / Published: 27 September 2016 Cited by 5 | PDF Full-text (389 KB)

Abstract In this study, the investigation into basic methodology for selecting the industrial areas suitable to the small and medium-sized enterprises (SMEs) in Korea was performed by using the statistical data about the corporations (2010 ~ 2012) as the quantitative evidences containing the number [...] Read more.

Open Access

Innovation decision of Tunisian service firms: an empirical analysis

by Hanen Sdiri and Mohamed Ayadi

J. Open Innov. Technol. Mark. Complex. 2016, 2(3), 18; https://doi.org/10.1186/s40852-016-0044-x (registering DOI) Received: 22 March 2016 / Accepted: 27 August 2016 / Published: 7 September 2016 PDF Full-text (498 KB)

Abstract The purpose of this paper is twofold. First, it investigates the way by which Tunisian service firms make their decision to innovate: simultaneously (one-stage model) or sequentially (two-stage model). Afterwards, once the innovation-making-decision way is selected, the paper analyzes its main determinants. Using [...] Read more

Open Access Article

What kind of innovations do we need to secure our future?

by Ulrich Witt

J. Open Innov. Technol. Mark. Complex. 2016, 2(3), 17; https://doi.org/10.1186/s40852-016-0043-y (registering DOI) Received: 23 June 2016 / Accepted: 16 August 2016 / Published: 2 September 2016 Cited by 9 | PDF Full-text (458 KB)

Abstract The question of what kind of innovations can secure our future is in this paper put in perspective with the unknown risks which innovations may imply. Innovations sometimes turn out to cause severe negative externalities after they have successfully passed the market test. [...] Read more.

Open Access Article

Theory of open inclusive innovation for reciprocal, responsive and respectful outcomes: coping creatively with climatic and institutional risks

by Anil K. Gupta, Anamika R. Dey, Chintan Shinde, Hiranmay Mahanta, Chetan Patel, Ramesh Patel, Nirmal Sahay, Balram Sahu, P. Vivekanandan, Sundaram Verma, P. Ganesham, Vivek Kumar, Vipin Kumar, Mahesh Patel and Pooja Tole

J. Open Innov. Technol. Mark. Complex. 2016, 2(3), 16; https://doi.org/10.1186/s40852-016-0038-8 (registering DOI) Received: 30 May 2016 / Accepted: 24 June 2016 / Published: 26 August 2016 Cited by 2 | PDF Full-text (515 KB)

Abstract Given the economic squeeze world over, search for what we call frugal grassroots innovations in Honey Bee Network, has become even more urgent and relevant in the recent years. And, to shape this search, models and concepts like open innovation, reverse innovation (GE, [...] Read more.

Open Access Article

Designing dynamically "signature business model" that support durable competitive advantage

by Andrejs Čirjevskis

J. Open Innov. Technol. Mark. Complex. 2016, 2(3), 15; https://doi.org/10.1186/s40852-016-0042-z (registering DOI) Received: 14 July 2016 / Accepted: 2 August 2016 / Published: 22 August 2016 PDF Full-text (666 KB)

Abstract Purpose/Research question: The paper provides an empirical research of the Samsung case. In particular, we study the case by adopting three frameworks; dynamic capabilities (DC, examined by using the sensing/seizing/transforming approach), business model (BM, examined by using the BM canvas), and customer value [...] Read more.

Brand relationships and risk: influence of risk avoidance and gender on brand consumption

by Seung-Hee Lee, Jane E. Workman and Kwangho Jung

J. Open Innov. Technol. Mark. Complex. 2016, 2(3), 14; https://doi.org/10.1186/s40852-016-0041-0 (registering DOI) Received: 27 March 2016 / Accepted: 19 July 2016 / Published: 12 August 2016

Cited by 4 | PDF Full-text (523 KB)

Abstract Recent brand relationship research has paid attention to brand love, brand credibility, and brand loyalty. In market and society, various collaborations and co-creations derived from brand relationships generate various social network markets and open business innovations. Brand relationships and collaborative forms heavily depend [...] Read more.

Open Access Article

"Open innovation" and "triple helix" models of innovation: can synergy in innovation systems be measured?

by Loet Leydesdorff and Inga Ivanova

J. Open Innov. Technol. Mark. Complex. 2016, 2(3), 11; https://doi.org/10.1186/s40852-016-0039-7 (registering DOI) Received: 19 May 2016 / Accepted: 12 July 2016 / Published: 4 August 2016

Cited by 14 | PDF Full-text (870 KB)

Abstract The model of "Open Innovations" (OI) can be compared with the "Triple Helix of University-Industry-Government Relations" (TH) as attempts to find surplus value in bringing industrial innovation closer to public R&D. Whereas the firm is central in the model of OI, the TH [...] Read more.

Open Access Article

The virtues of variety in regional innovation systems and entrepreneurial ecosystems

by Philip Cooke

J. Open Innov. Technol. Mark. Complex. 2016, 2(3), 13; https://doi.org/10.1186/s40852-016-0036-x (registering DOI) Received: 18 May 2016 / Accepted: 9 June 2016 / Published: 12 August 2016

Cited by 12 | PDF Full-text (510 KB)

Abstract Today, interesting and important interconnections have been made that promise great leaps forward for innovation systems and entrepreneurial ecosystems - especially operating at the regional or sub-national level of the space economy. Of course, there are politics in such relationships. Most notable are [...] Read more.

Open Access Article

Business schools in crisis

by F. Phillips, C. H. Hsieh, C. Ingene and L. Golden

J. Open Innov. Technol. Mark. Complex. 2016, 2(3), 10; https://doi.org/10.1186/s40852-016-0037-9 (registering DOI) Received: 24 May 2016 / Revised: 25 June 2016 / Published: 30 July 2016

Cited by 4 | PDF Full-text (798 KB)

Abstract Economic, political, and demographic changes, technological advances, two crashes of the economy, ethical scandals, and other developments in the business environment have strained the roles and enrollments of American universities' business schools. The b-schools have not responded adequately. Prevailing theories in many of [...] Read more.

Open Access Article

Panama canal expansion, U.S. trade diversion from west coast seaports and urban innovation

by ChangKeun Park and JiYoung Park

J. Open Innov. Technol. Mark. Complex. 2016, 2(3), 12; https://doi.org/10.1186/s40852-016-0040-1 (registering DOI) Received: 15 March 2016 / Accepted: 12 July 2016 / Published: 4 August 2016 Cited by 2 | PDF Full-text (583 KB)

Abstract Adapting to the rapid process of globalization requires nodes of international trade and global financial operations conveyed in the world urban system. Urban and metropolitan areas need to strategically approach to incorporating the city economic activities to enlarge the scope and complexity of [...] Read more.

Open Access Erratum

Erratum to: Smartness that matters: towards a comprehensive and humancentred characterisation of smart cities

by Alexander Prado Lara, Eduardo Moreira Da Costa, Thiago Zilinscki Furlani and Tan Yigitcanlar

J. Open Innov. Technol. Mark. Complex. 2016, 2(3), 9; https://doi.org/10.1186/s40852-016-0035-y (registering DOI) Received: 1 July 2016 / Accepted: 1 July 2016 / Published: 6 July 2016

PDF Full-text (333 KB)

Abstract

After publication of the original article (Lara et al. 2016), it was noted that one of the author's names was presented incorrectly[...] Full article

J. Open Innov. Technol. Mark. Complex., Volume 2, Issue 4 (December 2016)

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Open Access Article

Configuring an alliance portfolio for eco-friendly innovation in the car industry: Hyundai and Toyota

by Hyeon Joo Jeong and Youngjoo Ko

J. Open Innov. Technol. Mark. Complex. 2016, 2(4), 24; https://doi.org/10.1186/s40852-016-0050-z (registering DOI)
Received: 8 July 2016 / Accepted: 10 October 2016 / Published: 1 December 2016

Cited by 2 | PDF Full-text (1031 KB)

Abstract Purpose: This study aims to examine the strategic alliance portfolio and the characters of focal firm partners in the eco-friendly car market, and also suggest the important managerial implications and suggestions for firms' managers and policy-makers using the patent information of Toyota and [...] Read more.

Open Access Article

Cultural correlates of national innovative capacity: a cross-national analysis of national culture and innovation rates

by Youngsun Jang, Youngjoo Ko and So Young Kim

J. Open Innov. Technol. Mark. Complex. 2016, 2(4), 23; https://doi.org/10.1186/s40852-016-0048-6 (registering DOI)
Received: 5 August 2016 / Accepted: 1 November 2016 / Published: 24 November 2016
PDF Full-text (1126 KB)

Abstract Although it is conventional wisdom that innovation requires free mind, diversity, or creativity all of which are closely associated with political and organizational decentralization, it is in fact more politically centralized countries in East Asia that successfully capitalized on innovation to catapult their [...] Read more.

Open Access Editorial

An open letter to Mr. Secretary general of the united nations to propose setting up global standards for conquering growth limits of capitalism

by JinHyo Joseph Yun, Philip Cooke, Fumio Kodama, Fred Phillips, Anil K. Gupta, Francisco Javier Carrillo Gamboa, Venni Krishna, Keun Lee, KongRae Lee, Ulrich Witt, Natalja Lace, SangOk Choi, KwangHo Jung, WooSung Jung, KyungBae Park, Sam Youl Lee, Jiyoung Park, Jaehoon Rhee, DongKyu Won, Taeho Park, Jeongho Yang, EuiSeob Jeong and JinWon Kang

J. Open Innov. Technol. Mark. Complex. 2016, 2(4), 22; https://doi.org/10.1186/s40852-016-0049-5 (registering DOI)
Received: 3 February 2016 / Accepted: 19 October 2016 / Published: 21 November 2016
Cited by 2 | PDF Full-text (336 KB)

Abstract We propose an international economic agenda to overcome the growth limits of capitalism that can be supported by the United Nations. Sustainable Environment based global goals should be added to sustainable economy. For this, we propose dynamic balance between three sub-economies such as [...] Read more.

Open Access Article

Valuation method by regression analysis on real royalty-related data by using multiple input descriptors in royalty negotiations in Life Science area-focused on anticancer therapies

by Jeong Hee Lee, Bae Khee-Su, Joon Woo Lee, Youngyong In, Taehoon Kwon and Wangwoo Lee

J. Open Innov. Technol. Mark. Complex. 2016, 2(4), 21; https://doi.org/10.1186/s40852-016-0047-7 (registering DOI)

Received: 13 July 2016 / Accepted: 5 October 2016 / Published: 17 October 2016

Cited by 1 | PDF Full-text (4899 KB)

Abstract Purpose: This research seeks to answer the basic question, "What would be the most determining factors if I perform regression analysis using several independent variables?" This paper suggests the way to estimate the proper royalty rate and up-front payment using multiple data I [...] Read more.

Open Access Article

Implementing open innovation concept in social business

by Anna Svirina, Alfia Zabbarova and Karine Oganisjana

J. Open Innov. Technol. Mark. Complex. 2016, 2(4), 20; https://doi.org/10.1186/s40852-016-0046-8 (registering DOI)
Received: 12 July 2016 / Accepted: 29 September 2016 / Published: 12 October 2016
Cited by 2 | PDF Full-text (559 KB)

Abstract Social business is an emerging concept which requires additional research especially in terms of priority management tools that can be used. The paper aims to evaluate how closed and open innovation concepts are implemented by social enterprises in the emerging information economy. The [...] Read more.

3-5. 2015 Journal of Open Innovation Technology: Market, Complexity

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Open Access Erratum

Erratum to: Heterogeneous expectations leading to bubbles and crashes in asset markets: Tipping point, herding behavior and group effect in an agent-based model

by Sunyoung Lee and Keun Lee

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 14; https://doi.org/10.1186/s40852-015-0018-4 (registering DOI) Received: 21 August 2015 / Accepted: 21 August 2015 / Published: 1 October 2015 PDF Full-text (326 KB)

This article was unintentionally published twice in this journal, by the same authors.[...] Full article

Open Access Article

Public space design of knowledge and innovation spaces: learnings from Kelvin Grove Urban Village, Brisbane

by Surabhi Pancholi, Tan Yigitcanlar and Mirko Guaralda

J. Open Innov. Technol. Mark. Complex. 2015. 1(1), 13; https://doi.org/10.1186/s40852-015-0015-7 (registering DOI) Received: 7 July 2015 / Accepted: 8 August 2015 / Published: 16 September 2015 Cited by 9 | PDF Full-text (3748 KB)

Abstract The era of knowledge-based urban development has led to an unprecedented increase in mobility of people and the subsequent growth in new typologies of agglomerated enclaves of knowledge such as knowledge and innovation spaces. Within this context, a new role has been assigned [...] Read more

Open Access Article

Globalization of R&D and open innovation: linkages of foreign R&D centers in India

by Swapan Kumar Patra and Venni V. Krishna

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 7; https://doi.org/10.1186/s40852-015-0008-6 (registering DOI) Received: 10 July 2015 / Accepted: 28 July 2015 / Published: 15 September 2015 Cited by 23 | PDF Full-text (1230 KB)

Abstract In the new form of Globalization of R&D, Multinational (MNEs) firms have established their R&D units in emerging Asian countries, particularly in India and China. In the 1980s MNEs located their R&D units in their country of origin and were very reluctant to [...] Read more.

Open Access Article

Heterogeneous expectations leading to bubbles and crashes in asset markets: Tipping point, herding behavior and group effect in an agent-based model

by Sunyoung Lee and Keun Lee

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 12; https://doi.org/10.1186/s40852-015-0013-9 (registering DOI) Received: 3 August 2015 / Accepted: 25 August 2015 / Published: 15 September 2015 Cited by 2 | PDF Full-text (1719 KB)

Abstract Background: The traditional economic models are increasingly perceived as weak in explaining the bubbles and crashes in financial markets and the associated crisis. Thus, especially after the global financial crisis in 2008, agent-based model (ABM) is getting an attention as an alternative approach [...] Read more.

Open Access Article

RESEARCH Open Access Heterogeneous expectations leading to bubbles and crashes in asset markets; tipping point, herding behavior and group effect in an agent-based model

by Sunyoung Lee and Keun Lee

J. Open Innov. Technol. Mark. Complex. 2015. 1(1), 11; https://doi.org/10.1186/s40852-015-0014-8 (registering DOI) Received: 6 August 2015 / Accepted: 25 August 2015 / Published: 15 September 2015 Cited by 1 | PDF Full-text (1572 KB)

Abstract This paper develops an agent-based model(ABM) to replicate financial instability, such as bubbles and crashes in asset markets, by introducing a simple idea of 'heterogeneous expectation' by which agents have different expectations about a 'tipping point' where they expect the price to stop [...] Read more.

Platform business Eco-model evolution: case study on KakaoTalk in Korea

by Junghee Han and Okjoo Cho

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 6; https://doi.org/10.1186/s40852-015-0006-8 (registering DOI) Received: 1 June 2015 / Accepted: 31 July 2015 / Published: 8 September 2015 Cited by 10 I PDF Full-text (718 KB)

Abstract Platform business is often regarded as notable examples of successful businesses model in the mobile industry. The purpose of this study is to find the determinants of successful platform business, through the case study of KakaoTalk, a representative fast growing social platform in [...] Read more.

Open Access Article

A systematic review of RFID applications and diffusion; key areas and public policy issues

by Kwangho Jung and Sabinne Lee

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 9; https://doi.org/10.1186/s40852-015-0010-z (registering DOI) Received: 7 July 2015 / Accepted: 11 August 2015 / Published: 4 September 2015

Cited by 7 I PDF Full-text (814 KB)

Abstract RFID applicants called as e-ID, smart tag, and contactless smart card are being applied to numerous areas in our daily life, including tracking manufactured goods, currency, and patients to payments systems. To review these various applications of RFID is important to exploring not [...] Read more.

Open Access Article

Reflections on the innovative city: examining three innovative locations in a knowledge bases framework

by Tommi Inkinen

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 8; https://doi.org/10.1186/s40852-015-0009-5 (registering DOI) Received: 9 April 2015 / Accepted: 7 August 2015 / Published: 4 September 2015

Cited by 3

Abstract This paper combines three location-based cases with literature background focusing on knowledge bases and cities. The paper considers the regional context of the city of Helsinki and its surrounding area (HMA). Analyzed cases include three specific locations highlighting urban form, connectivity and knowledge-intensive [...] Read more.



Customer involvement through social media: the cases of some telecommunication firms

by Valentina Della Corte, Alessandra lavazzi and Chiara D'Andrea

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 10; https://doi.org/10.1186/s40852-015-0011-y (registering DOI) Received: 16 April 2015 / Accepted: 18 August 2015 / Published: 4 September 2015 Cited by 8 | PDF Full-text (1251 KB)

Abstract This study highlights the contribution of the role of social media in supporting customer involvement for service innovation.

It is commonplace that many service firms and processes have characteristics that differ from manufacturing. Analyzing the literature, we note that there are many contributions [...] Read more.

Open Access Article

Study on CEO characteristics for management of public art performance centers

by Joon-ho Kim and Seung-hye Jung

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 5; https://doi.org/10.1186/s40852-015-0007-7 (registering DOI) Received: 8 June 2015 / Accepted: 4 August 2015 / Published: 2 September 2015 Cited by 5 | PDF Full-text (665 KB)

Abstract The purpose of this study is to present the rationale and empirical evidence as to whether the characteristics of chief executive officer (CEO), such as entrepreneurship, social responsibility (perception), and social capital, at public art performance centers have effect on management outcomes, and [...] Read more.

Open Access Article

A study on the current status and strategies for improvement of web accessibility compliance of public institutions

by Kyung-Ran Noh, Eui-Seob Jeong, Young-Bok You, Sun-Joo Moon and Mun-Bok Kang

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 4; https://doi.org/10.1186/s40852-015-0001-0 (registering DOI) Received: 1 March 2015 / Accepted: 31 May 2015 / Published: 26 August 2015 Cited by 2 | PDF Full-text (454 KB)

Abstract Background: The circulation of information through the Internet allows us to promptly and conveniently deliver information. However, it is also causing a simultaneous occurrence of digital information gap and cultural lag phenomena. The gap in the ability to freely access and use Web [...] Read more.

Compulsive buying and branding phenomena

by Seung-Hee Lee and Jane E. Workman

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 3; https://doi.org/10.1186/s40852-015-0004-x (registering DOI) Received: 23 May 2015 / Accepted: 27 June 2015 / Published: 19 August 2015

Cited by 1 | PDF Full-text (470 KB)

Abstract Background: The purpose of this paper was to explore the impact of brand variables such as brand awareness, brand loyalty, brand attachment, and perceived brand quality on compulsive buying behavior.

Methods: A self-administered questionnaire, containing demographic items and items related to compulsive buying, [...] Read more.

Open Access Article

Demand articulation in the open-innovation paradigm

by Fumio Kodama and Tamotsu Shibata

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 2; https://doi.org/10.1186/s40852-015-0003-y (registering DOI) Received: 2 June 2015 / Accepted: 26 June 2015 / Published: 12 August 2015

Cited by 16 I PDF Full-text (1331 KB)

Abstract Background: In the marketing literatures, "articulation of demand" is quoted as an important competency of market-driving firms. In this paper, therefore, I will demonstrate how the concept of "demand articulation" was effective in formulating corporate policies for technology and market development, and also [...] Read more.

Open Access Article

Green governance and green clusters: regional & national policies for the climate change challenge of Central & Eastern Europe

by Philip Cooke

J. Open Innov. Technol. Mark. Complex. 2015, 1(1), 1; https://doi.org/10.1186/s40852-015-0002-z (registering DOI) Received: 8 May 2015 / Accepted: 31 May 2015 / Published: 5 August 2015

Cited by 18 | PDF Full-text (1289 KB)

Abstract This paper focuses on the climate change challenge faced by Central & Eastern European countries both those inside the European Union and those outside it. They have enormous energy intensity and associated greenhouse gas (GHG) emissions, mainly from energy production, which is oil, [...] Read more.

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Open Access Article

A study on policy literacy and public attitudes toward government innovationfocusing on Government 3.0 in South Korea

by EunHyung Park and Jea-Wan Lee

J. Open Innov. Technol. Mark. Complex. 2015, 1(2), 23; https://doi.org/10.1186/s40852-015-0027-3 (registering DOI) Received: 2 December 2015 / Accepted: 16 December 2015 / Published: 29 December 2015 Cited by 2 | PDF Full-text (506 KB)

Abstract This study aims to verify the relationship between policy literacy and attitudes toward the government innovation initiative known as Government 3.0. Also, this study hypothesizes that the relationship between policy literacy and policy attitude can be moderated by cognitive subject and analyzed according [...] Read more.

Open Access Article

Complex adaptive systems approach to sewol ferry disaster in Korea

by DongKyu Won, SunHee Yoo, HyungSun Yoo and JongYeon Lim

J. Open Innov. Technol. Mark. Complex. 2015, 1(2), 22; https://doi.org/10.1186/s40852-015-0023-7 (registering DOI) Received: 16 September 2015 / Accepted: 8 December 2015 / Published: 24 December 2015 Cited by 4 | PDF Full-text (3081 KB)

Abstract This paper aims to introduce the concept and characteristics of natech disaster (natural hazards triggered technological disaster) and to explore the policy issues in complex disaster management in Korea. This research examines the issues of natech complex disaster through analysis of Sewol ferry [...] Read more.

Historical review on the patterns of open innovation at the national level: the case of the roman period

by Jeong-hwan Jeon, Sung-kyu Kim and Jin-hwan Koh

J. Open Innov. Technol. Mark. Complex. 2015, 1(2), 20; https://doi.org/10.1186/s40852-015-0026-4 (registering DOI)
Received: 31 August 2015 / Accepted: 8 December 2015 / Published: 22 December 2015
Cited by 8 | PDF Full-text (1559 KB)

Abstract As a result of the open innovation dissemination, the necessity of open innovation is being magnified in the theory of national innovation system. Nevertheless, research on the relationship between the open innovation and national innovation system is insufficient so far. Therefore, this research [...] Read more.

Open Access Article

The impact of graduate students on research productivity in Korea

by Ki-Seok Kwon, Seok Ho Kim, Tae-Sik Park, Eun Kyoung Kim and Duckhee Jang

J. Open Innov. Technol. Mark. Complex. 2015, 1(2), 21; https://doi.org/10.1186/s40852-015-0024-6 (registering DOI)
Received: 3 September 2015 / Accepted: 8 December 2015 / Published: 21 December 2015
Cited by 2 | PDF Full-text (406 KB)

Abstract Even though graduate students are critical for carrying out research, they have not been treated as important in the existing literature on research productivity. Accordingly, this paper focuses on whether the number of graduate students has a significant impact on their supervisors' research [...] Read more.

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A 3-d advancement of PythoCrypt for any file type

by Harsha S. Jois, N. Bhaskar and M. N. Shesha Prakash

J. Open Innov. Technol. Mark. Complex. 2015, 1(2), 19; https://doi.org/10.1186/s40852-015-0022-8 (registering DOI)
Received: 29 March 2015 / Accepted: 29 November 2015 / Published: 18 December 2015
PDF Full-text (843 KB)

Abstract This research work discusses a file-type-independent cryptosystem using the conversion of Cartesian and Polar coordinate systems in three dimensions. This is an advancement to PythoCrypt (IJESM, Vol-3,Issue-2, 48-51,2013) where a new algorithm was discussed that can be effectively used to provide security to [...] Read more.



Promotion of university students' collaborative skills in open innovation environment

by Karine Oganisjana

J. Open Innov. Technol. Mark. Complex. 2015, 1(2), 18; https://doi.org/10.1186/s40852-015-0021-9 (registering DOI)
Received: 9 September 2015 / Accepted: 26 November 2015 / Published: 1 December 2015
Cited by 8 | PDF Full-text (980 KB)

Abstract It is argued that the participation in open innovation processes requires a specific set of thinking, skills and behaviours founded on the willingness and readiness to exchange, accept, encourage, cooperate and co-create based on trust and collaboration. The paper presents the results of [...] Read more.

Open Access Article

How do we conquer the growth limits of capitalism? Schumpeterian Dynamics of Open Innovation

by JinHyo Joseph Yun

J. Open Innov. Technol. Mark. Complex. 2015, 1(2), 17; https://doi.org/10.1186/s40852-015-0019-3 (registering DOI)
Received: 23 April 2015 / Accepted: 26 October 2015 / Published: 10 November 2015
Cited by 30 | PDF Full-text (1319 KB)

Abstract The purpose of this study is to answer the research question, "How do we conquer the growth limits of capitalism?" Based on existing studies on growth limits of capitalism by Marx and Schumpeter as well as the recent discussions of Drucker, Rifkin, and [...] Read more.

Open Access Article

Open innovation of knowledge cities

by JinHyo Joseph Yun, EuiSeob Jeong and JeongHo Yang

J. Open Innov. Technol. Mark. Complex. 2015, 1(2), 16; https://doi.org/10.1186/s40852-015-0020-x (registering DOI)
Received: 31 August 2015 / Accepted: 26 October 2015 / Published: 4 November 2015
Cited by 10 | PDF Full-text (1925 KB)

Abstract Purpose: This research seeks to answer the basic question, "As a city evolves from an industrial city to a knowledge one, are its open innovation activities vitalized?"

Design/methodology/approach: In this research, we compare the total number of patent applications, the number of joint [...] Read more.

Knowledge-based development as a new economic culture

by Francisco Javier Carrillo

J. Open Innov. Technol. Mark. Complex. 2015, 1(2), 15; https://doi.org/10.1186/s40852-015-0017-5 (registering DOI)
Received: 8 June 2015 / Accepted: 18 September 2015 / Published: 15 October 2015
Cited by 9 | PDF Full-text (515 KB)

Abstract This is a theoretical research paper that aims to make the case for the major cultural evolution underlying the transition from industrial to knowledge societies. The approach followed consists of a theoretical analysis of the redefinition of production factors as well as the [...] Read more.

Vol. 1, Issue 1, (September 2015) *14* Papers

Vol. 1, Issue 2, (December 2015) 9 Papers

4. TFSC (SOI Special Issue '16-'19)

5-1. Technological Forecasting and Social Change-From 2017~Published in 2019

Technological Forecasting & Social Change xxx (xxxx) xxx-xxx



Contents lists available at ScienceDirect

Technological Forecasting & Social Change

journal homepage: www.elsevier.com/locate/techfore



The role of a business model in market growth: The difference between the converted industry and the emerging industry

JinHyo Joseph Yun^{a,*}, DongKyu Won^b, KyungBae Park^c, EuiSeob Jeong^b, Xiaofei Zhao^a

- ^a Daegu Gyeongbuk Institute of Science and Technology (DGIST), 50-1, Sang-ri, Hyeonpung-myeon, Dalseong-gun, Daegu 711-873, Republic of Korea
- b Korea Institute of Science and Technology Information (KISTI), Hoegi-ro, 66 Dongdaemun-gu, Seoul 130-741, Republic of Korea
- ^c Sangji University, 660, Woosan-dong, Wonju, Kangwon-do 220-702, Republic of Korea

ARTICLE INFO

Keywords: Business model Open innovation Converted industry Emerging industry Autonomous car Intelligent robot System dynamics Simulation

ABSTRACT

This paper investigates the role of business models: What differences exist between the roles of an alreadyexisting market-based converted industry and a newly appearing market-based emerging industry?

This study analyzed the status of the technologies and business models in the autonomous car and intelligent robot industries, as well as their recent two-year growth, using technology and business model patents. In addition, it investigated the current situation of the technologies, business models, and markets of the two industries based on literature reviews. This study then simulated the market growth of the autonomous car and intelligent robot industries using system dynamics. The simulations were established and verified by analyzing the references and citations of the technology patents and business model patents of the two industries. This study reached three conclusions. First, in the case of a converted industry such as autonomous cars, a strategy focused on a business model is useful in the early stage, whereas one focused on technology is efficient in the mature stage. Second, in the case of an emerging industry such as intelligent robots, a strategy focused on technology is somewhat more useful in the early stage than one focused on a business model; conversely, a strategy focused on technology is slightly more useful in the mature stage. Third, a business model is also important to supplement technology such as intelligent robots at a mature stage in Canada or autonomous cars at a mature stage in Japan.

5-2. Technological Forecasting and Social Change-From 2016~Published in 2018



Technological Forecasting and Social Change

Available online 22 September 2017 In Press, Corrected Proof (?)



Technological Forecasting and Social Change

Available online 5 March 2018 In Press, Corrected Proof (?)



Place making for innovation and knowledge-intensive activities: The Australian experience

Surabhi Pancholi a Martin Tan Yigitcanlar A Marko Guaralda Martin Marko Guaralda Martin Mart

https://doi.org/10.1016/j.techfore.2017.09.014

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Available online 8 May 2018 In Press, Corrected Proof ?



Open innovation in SMEs: Exploring inter-organizational relationships in an ecosystem

Agnieszka Radziwon a A ™, Marcel Bogers b

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Yongyoon Suh a M. Jeonghwan Jeon b A M.

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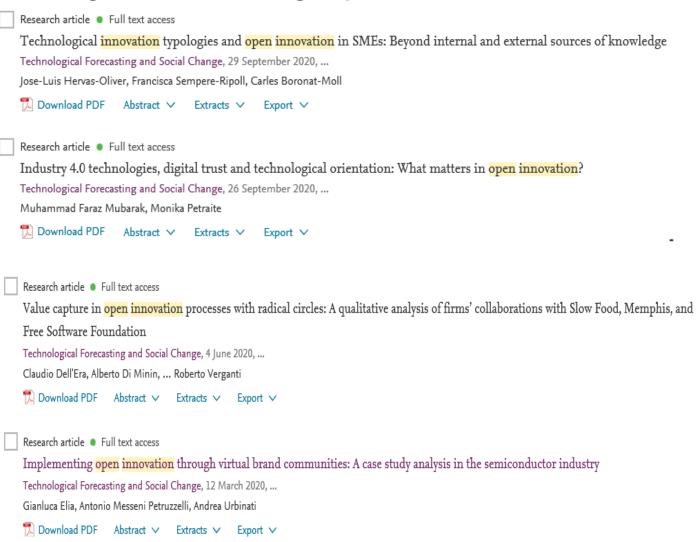
Hyunuk Kim a, Sang-Jin Ahn b A , Woo-Sung Jung a, c A ™

https://doi.org/10.1016/j.techfore.2018.02.007

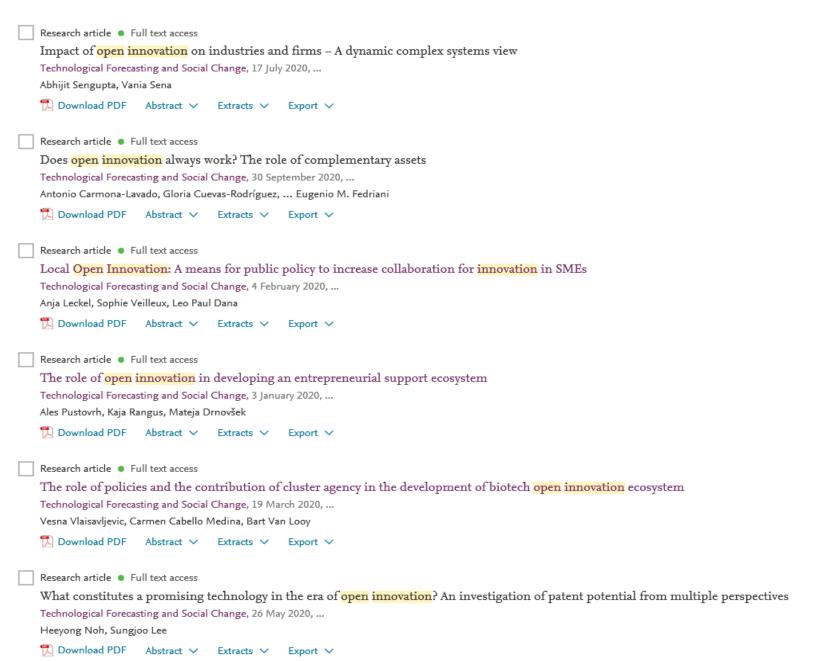
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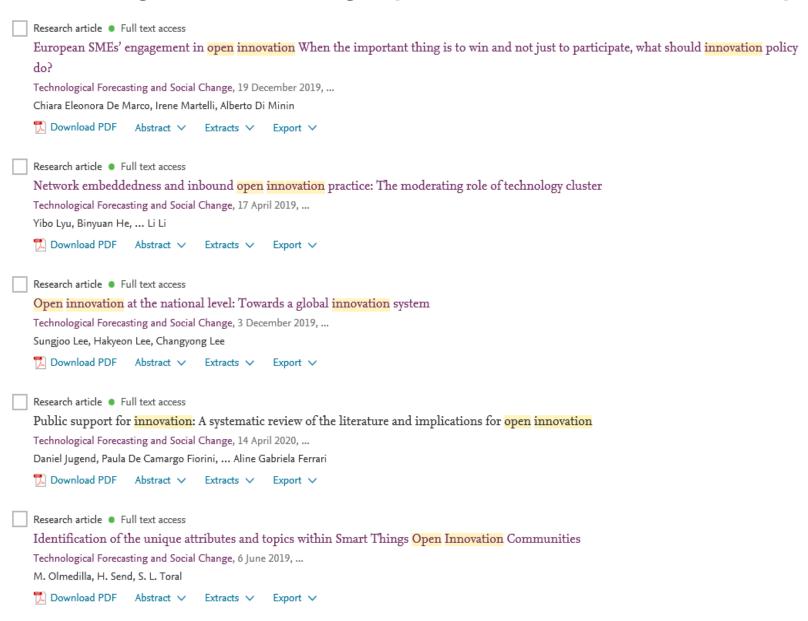
5-3. Technological Forecasting and Social Change Special Issue Related Additional Papers



5-3. Technological Forecasting and Social Change Special Issue Related Additional Papers

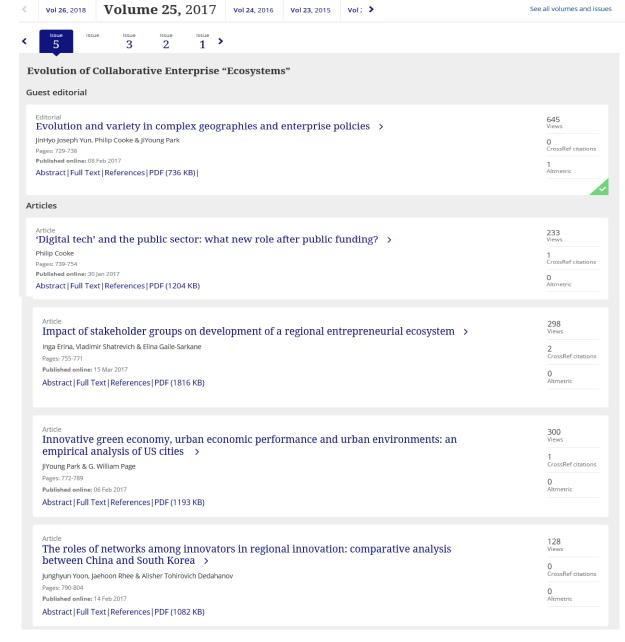


5-3. Technological Forecasting and Social Change Special Issue Related Additional Papers



5.EPS (SOI Special Issue '16-'17)

6. European Planning Studies-Published in 2017





6. STS (SOI Special Issue '16-'20)

7-1. Science, Technology and Society-Published in 2020(Published online in 2021 May)

Special Issue: Ambidextrous Open Innovation in the 4th Industrial Revolution



Volume 26 Issue 2, July 2021

Guest Editor: JinHyo Joseph Yun, Zheng Liu and Xiaofei Zhao

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Special Issue Articles



Introduction: Ambidextrous Open Innovation in the 4th Industrial Revolution

Jinhyo Joseph Yun, Zheng Liu, Xiaofei Zhao

First Published May 6, 2021; pp. 183-200

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Jinhyo Joseph Yun, Euiseob Jeong, Sangwoo Kim, Heungju Ahn, Kyunghun Kim, Sung Deuk Hahm, Kyungbae Park

First Published May 6, 2021; pp. 201-222

Abstract

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Eungdo Kim, Kwangsoo Shin

First Published May 6, 2021; pp. 223-241

Abstract

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Factors Influencing Technology Transfer in Companies at Emerging **Economies**

Mikus Dubickis, Elīna Gaile-Sarkane

First Published May 12, 2021; pp. 242-271

Abstract

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The Optimal Diversification Strategy in Pharmaceutical Industry: Balancecentred or Hetero-centred?

Keungoui Kim, Junseok Hwang, Sungdo Jung, Eungdo Kim

First Published May 12, 2021; pp. 272-295

Abstract

> Preview







Technology Evolution and Multiplier Innovation Through TDNA Analytical Model

Junghee Han, Sunghoon Chung, Heeyoung Jang

First Published May 12, 2021; pp. 296-316

Abstract

> Preview







7-2. Science, Technology and Society-Published in 2018-2019

The Impact of Local Government Policy on Innovation Ecosystem in Knowledge Resource Scarce Region: Case Study of Changzhou, China

Lei Ma, Zheng Liu, Xiaojing Huang, Tao Li

First Published January 3, 2019; pp. 29-52

Abstract

> Preview









Jinhyo Joseph Yun, Abiodun A. Egbetoku, Xiaofei Zhao

First Published December 20, 2018; pp. 122-143

Abstract

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Hun Park, Jae-Young Yoo, Seong-Hee Moon, Hyoung-Sun Yoo, Ho-Shin Lee, Tae-Hoon Kwon, Hyuk Hahn

First Published December 20, 2018; pp. 144-160

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7-3. Science, Technology and Society-Published in 2017

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Special Issue: Society of Open Innovation: Select Papers and Reports on Technology, Market and Complexity

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Collectivism, Individualism and Open Innovation: Introduction to the Special Issue on 'Technology, Open Innovation, Markets and Complexity'

Jinhyo Joseph Yun, Avvari V. Mohan, Xiaofei Zhao

First Published November 6, 2017; pp. 379-387

Abstract





Open Innovation at Different Levels for Higher Climate Risk Resilience

Anamika Dey, Anil Gupta, Gurdeep Singh

First Published September 22, 2017; pp. 388-406

Abstract

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The Effect of R&D Alliance Diversity and Network Position on Firm Innovation Performance: Evidence from the Emerging Biotechnology Industry

Chun Hsien Wang, Xiaohong Iris Quan

First Published September 22, 2017; pp. 407-424

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Dynamics of Social Enterprises—Shift from Social Innovation to Open Innovation

Jinhyo Joseph Yun, KyungBae Park, ChoongJae Im, ChangHwan Shin, Xiaofei Zhao

First Published September 22, 2017; pp. 425-439

Abstract

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Role of Information in SMEs Supporting Services on Business
Performance in South Korea

Hun Park, Tae-Hoon Kwon, Tae-Jong Jang, Jae-Young Yoo, Ho-Shin Lee, Seong-Hee Moon, Hyuk Hahn

First Published September 22, 2017; pp. 440-454



Policy Challenges and Ethical Issues with the Breakthrough Technology: The Case of Synthetic Biology

Samuel Pang, Sam Youl Lee, Ji Yung Seul

First Published November 6, 2017; pp. 455-472

Abstract

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The Effect of International Joint Research to the Research
Performance: The Case of the Global Research Laboratory and
the Basic Research Laboratory Programme

Jinwon Kang

First Published September 22, 2017; pp. 473-489

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Can Government Policies Drive Open Innovation Type Platforms? Ideas from the MSC Malaysia Flagship Applications

Aliza A. Omar, Avvari V. Mohan, XIAOFEI ZHAO

First Published September 25, 2017; pp. 490-505

Abstract

> Preview







Byung Yong Hwang, Jee Hyun Suh, Dae Cheol Kim

Policy for the National R&D Programme

First Published October 2, 2017; pp. 506-523

Abstract

> Preview





A Methodology for Searching and Allocating Enterprises in the Supply Chain by Using the Business Information Database and Trademark Rights Database

Daehyeon Lim, Youngsu Moon, Kanghoe Kim, Hoshin Lee

First Published September 25, 2017; pp. 524-538

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7-4. Science, Technology and Society-Published in 2016.

Science, Technology and Society

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South Korea

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Jinhyo Joseph Yun

First Published October 9, 2016; pp. 319-323

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Open Innovation to Business Model

New Perspective to connect between technology and market

Jinhyo Joseph Yun, Jeongho Yang, Kyungbae Park

First Published November 7, 2016; pp. 324-348

Abstract

> Preview



The Factors Affecting Basic Research Performance Funded by Government: 'Creative Research Program' Case in South Korea

Youngsoo Ryu, Kwangseon Hwang, Sang Ok Choi

First Published October 20, 2016; pp. 349-365

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Jinhyo Joseph Yun, Kyungbae Park

First Published October 20, 2016; pp. 391-409



Learning Organisation Activities and Innovativeness of Techbased SMEs within Korean Technoparks: The Mediating Role of Learning Transfer

Sanghyun Sung, Jaehoon Rhee, Junghyun Yoon

First Published October 25, 2016; pp. 410-434

Abstract

> Preview





Exploring Neglected Aspects of Innovation Function: Public Motivation and Non-pecuniary Values

Kwangho Jung, Seung-Hee Lee, Jane E. Workman

First Published November 7, 2016; pp. 435-464

Abstract

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The Effect of Regional Innovation Type on the Pursuit of Open Innovation in Korean Firms

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First Published November 23, 2016; pp. 485-487

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Anna M. Agathangelou

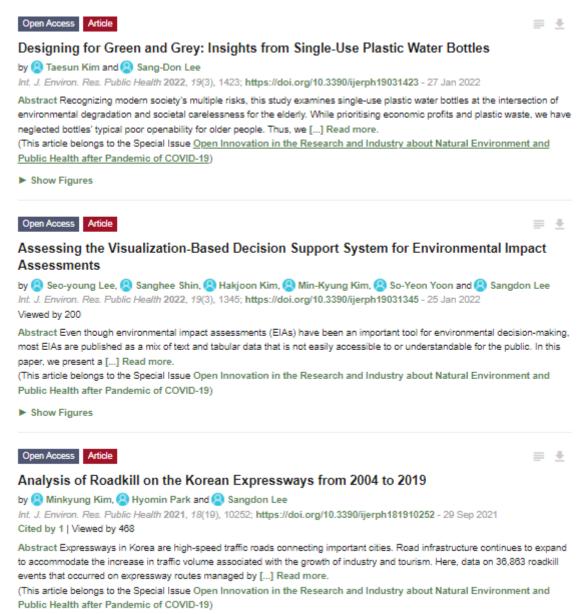
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7. IJERPH (SOI Special Issue '19-21)

8-1. International Journal of Environmental Research & Public Health-Published in 2021(3 papers)



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8-2. International Journal of Environmental Research & Public Health-Published in 2020(6 papers)



Phenological Response in the Trophic Levels to Climate Change in Korea

by Minkyung Kim, Sojeong Lee, Hakyung Lee and Sangdon Lee

Int. J. Environ. Res. Public Health 2021, 18(3), 1086; https://doi.org/10.3390/ijerph18031086 - 26 Jan 2021

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Abstract The response of the phenological events of individual species to climate change is not isolated, but is connected through interaction with other species at the same or adjacent trophic level. Using long-term phenological data observed since 1976 in Korea, whose temperature has risen [...] Read more.

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Economic Value Estimation of the Natural Heritage of the Tatra National Park

by Matus Kubak, Beata Gavurova and Klaudia Legutka

Int. J. Environ. Res. Public Health 2020, 17(9), 3032; https://doi.org/10.3390/ijerph17093032 - 27 Apr 2020

Abstract The aim of the study is to determine the economic value of the Tatra National Park. The willingness to pay approximation was used. Additionally, a questionnaire survey was applied in order to collect data. It contained a hypothetical event, and respondents expressed their [...] Read more.

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The Equity of Health Care Spending in South Korea: Testing the Impact of Publicness

by Youngju Kang, Minyoung Kim and Kwangho Jung

Int. J. Environ. Res. Public Health 2020, 17(5), 1775; https://doi.org/10.3390/ijerph17051775 - 09 Mar 2020

Viewed by 947

Abstract This paper examined the important organizational and managerial factors of publicness for the equity of health care. The extent of organizational publicness was measured with key independent variables such as ownership, evaluation, and accreditation. The dependent variable was measured by three equity indicators [...] Read more.

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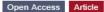
by Dong-Wook Kim, Tae-Sun Min, Yoonha Kim, Renato Rodrigues Silva, Hae-Nam Hyun, Ju-Sung Kim, Kyung-Hwan Kim, Hak-Jin Kim and Yong Suk Chung

Int. J. Environ. Res. Public Health 2019, 16(20), 3893; https://doi.org/10.3390/ijerph16203893 - 14 Oct 2019 Cited by 2 | Viewed by 1045

Abstract Nitrogen use efficiency in modern agriculture is very low. It means that a lot of synthetic chemicals are wasted rather than utilized by crops. This can cause more problems where the soil surface is thin and rocky like Jeju Island in the Republic [...]

(This article belongs to the Special Issue Environmental Research, Public Health, and Dynamic Open Innovation: From Smart Cities to the Sharing Economy)

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Application of Habitat Evaluation Procedure with Quantifying the Eco-Corridor in the Process of Environmental Impact Assessment

by Jiyoung Choi and Sangdon Lee

Int. J. Environ. Res. Public Health 2019, 16(8), 1437; https://doi.org/10.3390/ijerph16081437 - 23 Apr 2019 Cited by 2 | Viewed by 1071

Abstract In contrast to other fields, environmental protection (e.g., habitat protection) often fails to include quantitative evaluation as part of the existing environmental impact assessment (EIA) process, and therefore the EIA is often a poor forecasting tool, which makes selecting a reasonable plan of [...] Read more.

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Urbanization and Waterborne Pathogen Emergence in Low-Income Countries: Where and How to Conduct Surveys?

by Alexandra Bastaraud, Philippe Cecchi, Pascal Handschumacher, Mathias Altmann and Ronan Jambou Int. J. Environ. Res. Public Health 2020, 17(2), 480; https://doi.org/10.3390/ijerph17020480 - 11 Jan 2020 Cited by 4 | Viewed by 1226

Abstract A major forthcoming sanitary issue concerns the apparition and spreading of drug-resistant microorganisms, potentially threatening millions of humans. In low-income countries, polluted urban runoff and open sewage channels are major sources of microbes. These microbes join natural microbial communities in aquatic ecosystems already [...] Read more.

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8-3. International Journal of Environmental Research & **Public Health-Published in 2019(3 papers)**

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A special issue of International Journal of Environmental Research and Public Health (ISSN 1660-4601).

Deadline for manuscript submissions: 31 December 2019.

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Special Issue Editors

Prof. Dr. JinHyo Joseph Yun * E-Mail Website

Convergence Research Center for Future Automotive Technology, Daegu Gyeongbuk Institute of Science and Technology (DGIST), Daegu, Korea

Tel. +82-53-785-4410 (010-6697-8355)

Interests: open innovation; business model; open innovation economy; social open innovation; schumpeterian dynamics; game theory; political economics; complexity

* Managing Guest Editor

Special Issues and Collections in MDPI journals

Dr. Sang-Don Lee E-Mail

Department of Environmental Sciences & Engineering, College of Engineering, Ewha Womans University, 03760 Seoul, Korea

Dr. Eung-Do Kim E-Mail

ChungBook National University, Cheongju, South Korea

Dr. Lei Shi E-Mail

Guest Editor

School of Environment, Tsinghua University, Beijing 100084, China

Interests: industrial ecology; circular economy; industrial ecosystem complexity; Eco-innovation





Urbanization and Waterborne Pathogen Emergence in Low-Income Countries: Where and How to Conduct Surveys?

by 📭 Alexandra Bastaraud , 📭 Philippe Cecchi , 📭 Pascal Handschumacher , 📭 Mathias Altmann and Ronan Jambou

Int. J. Environ. Res. Public Health 2020, 17(2), 480; https://doi.org/10.3390/ijerph17020480 - 11 Jan 2020

Abstract A major forthcoming sanitary issue concerns the apparition and spreading of drug-resistant microorganisms, potentially threatening millions of humans. In low-income countries, polluted urban runoff and open sewage channels are major sources of microbes. These microbes join natural microbial communities in aquatic ecosystems already [...] Read more.

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Sustainable Agriculture by Increasing Nitrogen Fertilizer Efficiency Using Low-Resolution Camera Mounted on Unmanned Aerial Vehicles

by Pong-Wook Kim, Pae-Sun Min, Voonha Kim, Renato Rodrigues Silva, Mae-Nam Hyun, 🜓 Ju-Sung Kim , 🜓 Kyung-Hwan Kim , 🜓 Hak-Jin Kim and ף Yong Suk Chung Int. J. Environ. Res. Public Health 2019, 16(20), 3893; https://doi.org/10.3390/ijerph16203893 - 14 Oct 2019

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Abstract In contrast to other fields, environmental protection (e.g., habitat protection) often fails to include quantitative evaluation as part of the existing environmental impact assessment (EIA) process, and therefore the EIA is often a poor forecasting tool, which makes selecting a reasonable plan of [...] Read more.

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Tatjana Nikitina 🔀 & Inga Lapiņa

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Research Article

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9-2. Knowledge Management Research& Practices-Published in 2018

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Min - Ren Yan

Pages 173-182 | Received 18 Dec 2017, Accepted 16 Feb 2018, Published online: 05 Mar 2018

Solution

■ https://doi.org/10.1080/14778238.2018.1442994

Original Articles

Harnessing the value of open innovation: change in the moderating role of absorptive capability

JinHyo Joseph Yun ✓, Xiaofei Zhao & Sung Deuk Hahm
Received 04 Feb 2018, Accepted 23 Apr 2018, Published online: 28 May 2018

66 Download citation

✓ https://doi.org/10.1080/14778238.2018.1471328

Original Articles

The implication of ANT (Actor-Network-Theory) methodology for R&D policy in open innovation paradigm

Boong Kee Choi, Woon-Dong Yeo & DongKyu Won

Received 06 Feb 2018, Accepted 23 Apr 2018, Published online: 31 May 2018

■ Download citation https://doi.org/10.1080/14778238.2018.1471329

Original Articles

Exploring a relationship between creativity and public service motivation

Kwangho Jung

, Seung-Hee Lee & Jane E Workman

Received 22 Jan 2018, Accepted 23 Apr 2018, Published online: 15 May 2018

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↑ https://doi.org/10.1080/14778238.2018.1471327

Additional papers will be published near future.

9. IJKBD (SOI Special Issue '16)

10. International Journal of Knowledge-Based Development-Published in 2016, Vol.7 No. 2

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International Journal of Knowledge-Based Development

2016 Vol. 7 No. 2

Special Issue on Open Innovation, Knowledge Cities and the Creative Economy

Guest Editors: Professor JinHyo Joseph Yun and Professor Youn Taik Leem



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125- 142	Perceived innovation barriers and open innovation performance: insights from Korea Daehan Jung; Yoonjung Kim; Yoonkyo Suh; Youngmi Kim DOI: 10.1504/IJKBD.2016.076466
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10. Research Policy

Open Innovation related Special Issue Published Paper Lists (Non-SOI Special Issue)

Research Policy

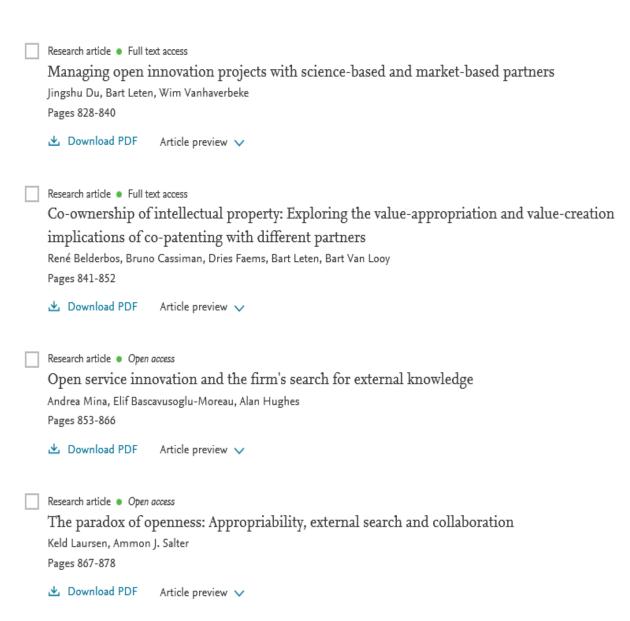
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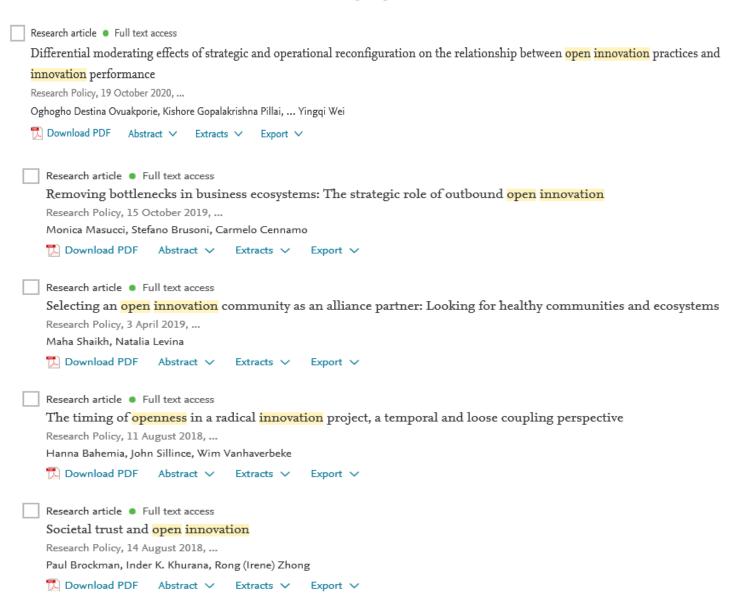
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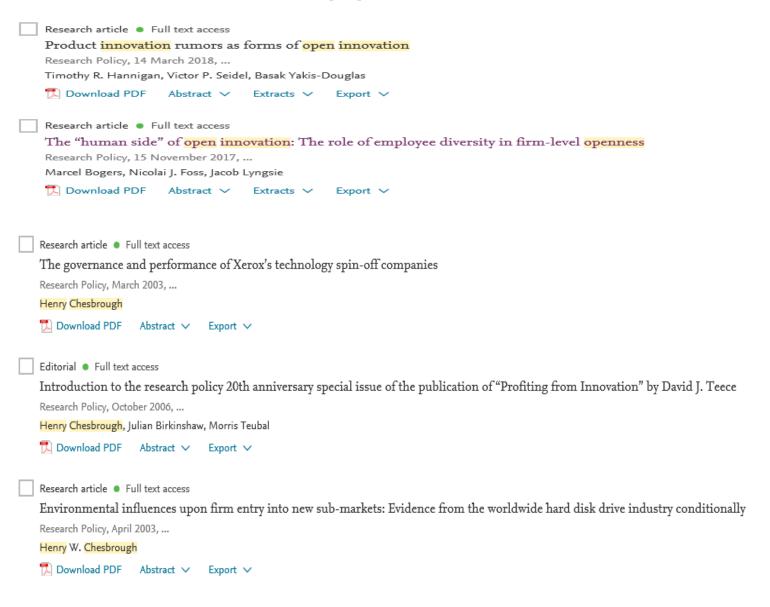
Research Policy -Special issue: Open Innovation: New Insights and Evidence Edited by Joel West, Ammon Salter, Wim Vanhaverbeke, Henry Chesbrough

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11. R&D Management

Open Innovation related Special Issue Published Paper Lists (Non-SOI Special Issue)

R&D Management

-Special issue: The Future of Open Innovation Edited by Ellen Enkel, Oliver Gassmann, and Henry Chesbrough

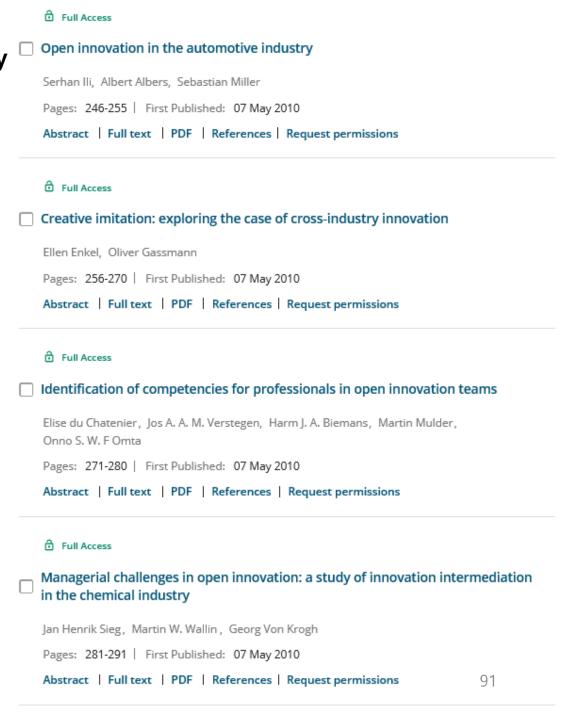


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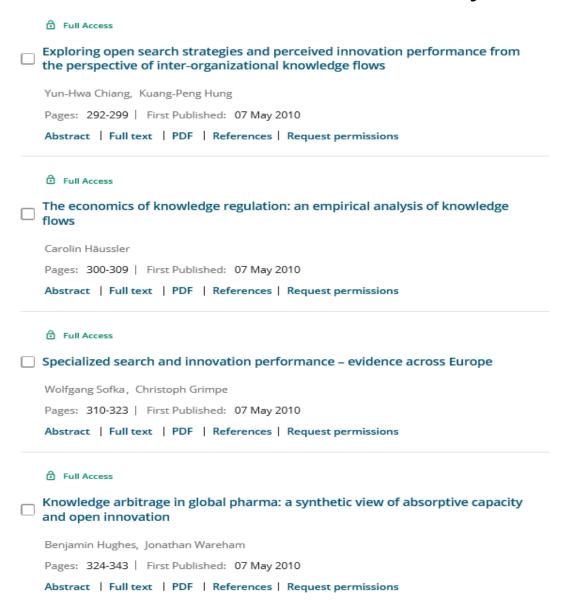
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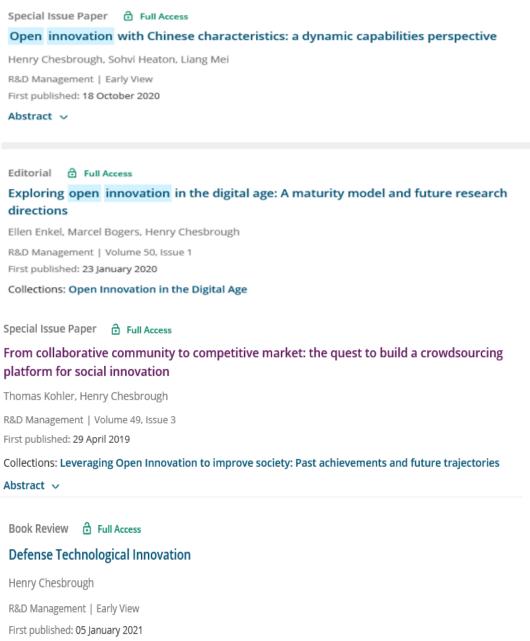


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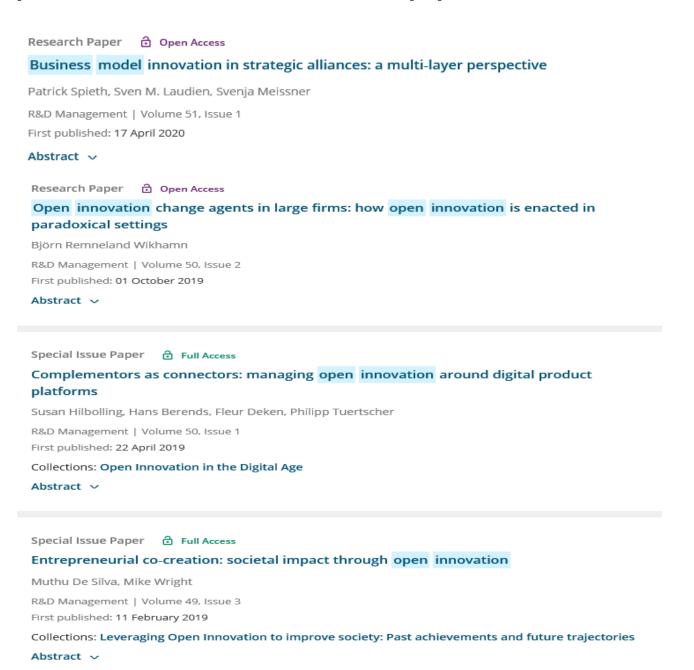
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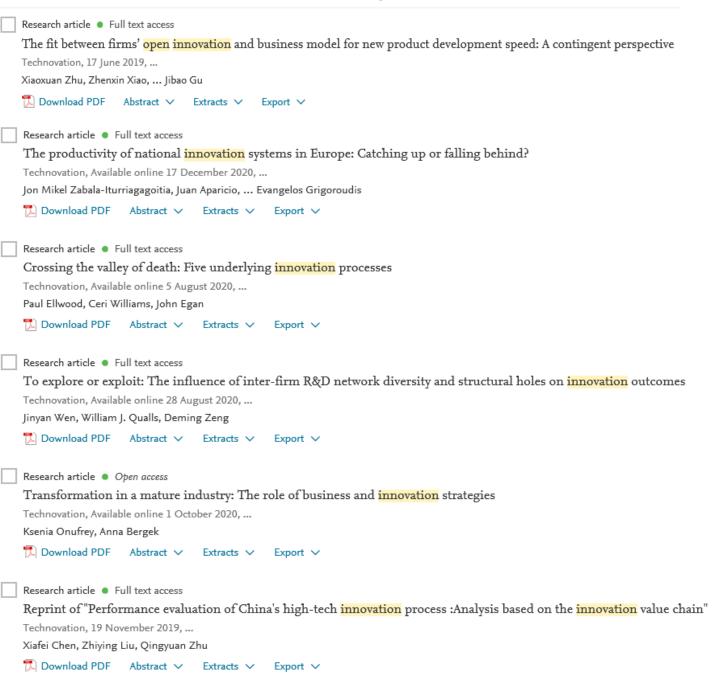
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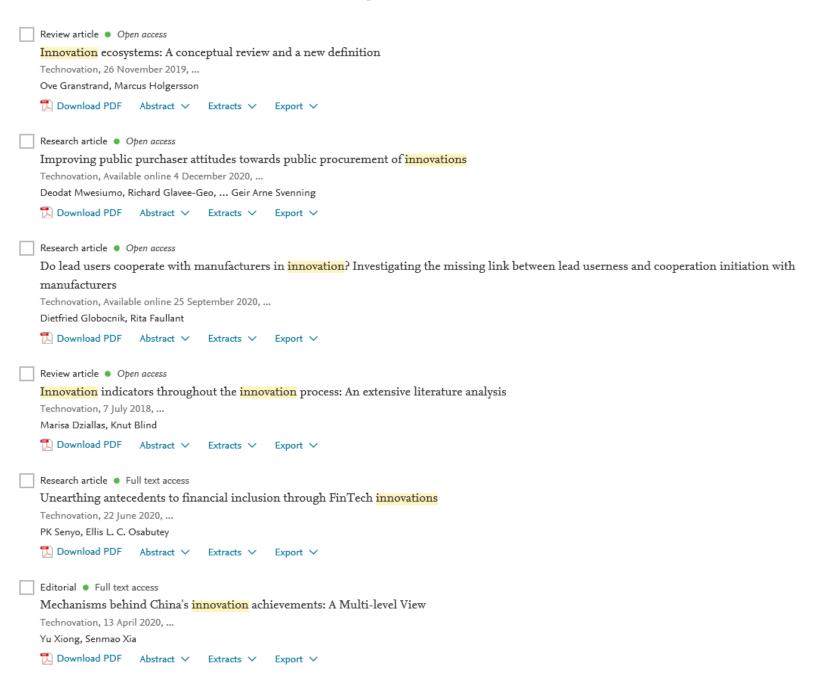
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