

***ECOSYSTEM-DRIVEN STRATEGIC MODEL FOR EARLY-STAGE
STARTUP PERFORMANCE IN INDONESIA***

DISERTASI

diajukan untuk memenuhi sebagian syarat untuk memperoleh
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ECOSYSTEM-DRIVEN STRATEGIC MODEL FOR EARLY-STAGE STARTUP PERFORMANCE IN INDONESIA

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Fenomena tingginya minat generasi muda untuk menjadi *startup founder* telah menarik perhatian peneliti. Namun, data menunjukkan bahwa jumlah peminat *startup* di Indonesia belum seimbang dengan jumlah *startup* yang berhasil melewati tahap awal, yang sering dikenal sebagai "*the Death Valley.*" Banyak *startup* yang terjebak dalam fase ini dan tidak mampu bertahan. Dalam konteks tersebut, peneliti melihat bahwa ekosistem *startup* di Indonesia, yang terdiri dari berbagai elemen dan aktor, masih belum banyak dikaji keterhubungannya dengan kinerja *startup* tahap awal. Jumlah ekosistem *startup* di Indonesia cukup banyak dengan karakteristik yang beragam, namun peran ekosistem ini dalam meningkatkan peluang keberhasilan *startup* masih belum jelas. Oleh karena itu, kajian ini bertujuan untuk mengidentifikasi peran ekosistem dalam meningkatkan peluang keberhasilan *startup* melewati tahap awal, serta menentukan bentuk ekosistem seperti apa yang bisa mendorong keberhasilan *startup* tersebut. Penelitian ini diharapkan dapat memberikan kontribusi dalam pengembangan model strategis yang berbasis ekosistem untuk meningkatkan kinerja *startup* tahap awal di Indonesia.

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Dini Turipanam Alamanda

ABSTRAK

Dini Turipanam Alamanda (2106751). *Ecosystem-Driven Strategic Model for Early-Stage Startup Performance in Indonesia*. Di bawah bimbingan promotor Prof. Dr. H. Agus Rahayu, M.P., kopromotor Prof. Dr. H. Disman, M.S., dan anggota promotor Dr. Lili Adi Wibowo, S.Pd., S.Sos., M.M.

Startup tahap awal di Indonesia menghadapi tantangan signifikan dalam memastikan kelangsungan dan pertumbuhan bisnis, terutama dalam ekosistem bisnis yang dinamis dan penuh ketidakpastian. Penelitian ini bertujuan untuk menguji beberapa anteden yang dapat meningkatkan keberhasilan *startup* dalam melewati tahap awal, dengan fokus pada pengaruh kualitas keterlibatan ekosistem terhadap kinerja *startup* tahap awal melalui *iterative pilot strategy*, *MVP strategy*, *mixed-strategy*, *lean design program*, dan *early-stage startup fit* sebagai variabel mediasi. Penelitian ini mengisi gap empiris terkait pentingnya keterlibatan ekosistem dalam meningkatkan kinerja *startup*, serta gap teoritis dengan menggabungkan konsep *Resource-Based View (RBV)* dan *dynamic capability* menjadi *ecosystem engagement quality*, yang diterjemahkan ke dalam tiga dimensi utama: *sensing quality*, *seizing quality*, dan *reconfiguring quality*. Metode penelitian yang digunakan adalah kuantitatif verifikatif dengan kuesioner yang disebarluaskan kepada 400 *founder*, CEO, atau manajer *startup* tahap awal di berbagai daerah di Indonesia. Data dianalisis menggunakan *Covariance-Based Structural Equation Modelling (CB-SEM)* dengan Lisrel 8.2. Temuan menunjukkan bahwa kualitas keterlibatan ekosistem, yang terdiri dari *ecosystem sensing*, *seizing*, dan *reconfiguring quality*, memiliki pengaruh signifikan terhadap kinerja *startup* tahap awal baik secara langsung maupun melalui variabel mediasi. *Iterative pilot strategy*, *MVP strategy*, dan *mixed-strategy* terbukti efektif memediasi pengaruh keterlibatan ekosistem terhadap *early-stage startup fit*, meskipun hanya *mixed-strategy* yang efektif memediasi pengaruh keterlibatan ekosistem terhadap *lean design program*. Batasan penelitian ini ada pada eksplorasi ekosistem *startup* berdasarkan definisi yang digunakan, tanpa adanya regulasi resmi mengenai ekosistem *startup* di Indonesia. Temuan ini memberikan wawasan baru bagi pengusaha dan pemangku kepentingan dalam ekosistem *startup* untuk merencanakan dan mengimplementasikan strategi yang lebih efektif dalam mendukung pertumbuhan dan keberlanjutan *startup* tahap awal di Indonesia. Penelitian ini memberikan kontribusi penting dalam literatur manajemen stratejik dan teori ekosistem *startup*.

Kata Kunci : ekosistem *startup*, *startup* tahap awal, kinerja *startup*, *iterative pilot strategy*, *lean-design program*.

ABSTRACT

Dini Turipanam Alamanda (2106751). *Ecosystem-Driven Strategic Model for Early-Stage Startup Performance in Indonesia.* Supervised by promotor Prof. Dr. H. Agus Rahayu, M.P., co-promotor Prof. Dr. H. Disman, M.S., and promotor member Dr. Lili Adi Wibowo, S.Pd., S.Sos., M.M.

Early-stage startups in Indonesia face significant challenges in ensuring business continuity and growth, particularly in a dynamic and uncertain business ecosystem. This study aims to examine several antecedents that can enhance the success of startups in the early stages, focusing on the influence of ecosystem engagement quality on early-stage startup performance through iterative pilot strategy, MVP strategy, mixed strategy, lean design program, and early-stage startup fit as mediating variables. This research fills an empirical gap regarding the importance of ecosystem engagement in improving startup performance, as well as a theoretical gap by combining the Resource-Based View (RBV) and dynamic capability concepts into ecosystem engagement quality, which is translated into three main dimensions: sensing quality, seizing quality, and reconfiguring quality. The research method used is quantitative verification with questionnaires distributed to 400 founders, CEOs, or managers of early-stage startups in various regions in Indonesia. Data were analyzed using Covariance-Based Structural Equation Modelling (CB-SEM) with Lisrel 8.2. The findings indicate that ecosystem engagement quality, consisting of ecosystem sensing, seizing, and reconfiguring quality, has a significant influence on early-stage startup performance both directly and through mediating variables. Iterative pilot strategy, MVP strategy, and mixed strategy effectively mediate the influence of ecosystem engagement on early-stage startup fit, although only the mixed strategy effectively mediates the influence of ecosystem engagement on the lean design program. The limitation of this research is the exploration of the startup ecosystem based on the definition used, without any official regulations regarding the startup ecosystem in Indonesia. These findings provide new insights for entrepreneurs and stakeholders in the startup ecosystem to plan and implement more effective strategies in supporting the growth and sustainability of early-stage startups in Indonesia. This study makes an important contribution to the literature on strategic management and startup ecosystem theory.

Keywords : startup ecosystem, early-stage startups, startup performance, iterative pilot strategy, lean design program.

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DAFTAR PUSTAKA

- Abrahamsson, P., Suoranta, M., Lahti, S., & Kemell, K.-K. (2021). *The Startup Scratch Book – Opening the Black Box of Startup Education.* https://doi.org/10.1007/978-3-030-67292-8_15
- Abu-Jarad, I. Y., Yusof, N., & Nikbin, D. (2010). A Review Paper on Organizational Culture and Organizational Performance. *International Journal of Business and Social Science*, 1(3), 26–46.
- Abu, N. H., Deros, B. M., Wahab, D. A., Rahman, N. A., & Mansor, M. F. (2012). The pre-development process implementation of product innovation: A Malaysian food and beverage manufacturing SMEs survey. *International Journal of Business and Management Science*, 5(1), 39–49. <https://search.informit.org/doi/10.3316/informit.142190759686200>
- Adams, C., & Neely, A. (2000). The Performance Prism to Boost M&A Success. *Measuring Business Excellence*, 4(3), 19–23.
- Ahluwalia, S., Mahto, R. V., & Guerrero, M. (2020). Blockchain technology and startup financing: A transaction cost economics perspective. *Technological Forecasting and Social Change*, 151, 119854. <https://doi.org/https://doi.org/10.1016/j.techfore.2019.119854>
- Ahmedova, S. (2015). Factors for Increasing the Competitiveness of Small and Medium- Sized Enterprises (SMEs) in Bulgaria. *Procedia - Social and Behavioral Sciences*, 195, 1104–1112. <https://doi.org/https://doi.org/10.1016/j.sbspro.2015.06.155>
- AIBI. (2023). *Daftar Inkubator Bisnis di Indonesia.* Aibinetwork.Com. <https://aibinetwork.com/anggota-aibi/>
- Akhtar Qureshi, N., Amin, A., & Hussain, T. (2022). Effects Of Entrepreneur's Personal Characteristics On Business Performance Of Small Medium Enterprises. *Webology*, 19(1), 8112–8123. <http://www.webology.org>
- Alamanda, D T, Gaffar, V., Dirgantari, P. D., & Anggadwita, G. (2022). Identifying Factors of Startups Creation by Indonesian Gen Z in Post-pandemic Era. *2022 10th International Conference on Information and Communication Technology (ICoICT)*, 424–429. <https://doi.org/10.1109/ICoICT55009.2022.9914888>
- Alamanda, Dini Turipanam, Wibowo, L. A., Munawar, S., & Nisa, A. K. (2021). The Interest of Technology Adoption in E-Commerce Mobile Apps Using Modified Unified Theory of Acceptance and Use of Technology 2 in Indonesia. *International Journal of Applied Business and International Management (IJABIM)*, 6(3), 35–45. <https://doi.org/10.32535/IJABIM.V6I3.1327>
- Aldianto, L., Anggadwita, G., Permatasari, A., Mirzanti, I. R., & Williamson, I. O. (2021). Toward a Business Resilience Framework for Startups. In *Sustainability* (Vol. 13, Issue 6). <https://doi.org/10.3390/su13063132>
- Alexander, V. B., & ... (2017). Cryptocurrency and blockchain-technology in digital economy: development genesis. ... *University Journal*

- <https://economy.spbstu.ru/en/article/2017.67.1/>
- Alkhafaji, A. F. (2003). *Strategic management : formulation, implementation, and control in a dynamic environment.* Haworth Press.
https://books.google.com/books/about/Strategic_Management.html?id=qJ014H-YbdgC
- Allen, G. J. (2022). ConceptualizeTM: a new contribution to generate real-needs-focussed, user-centred, lean business models. *Journal of Innovation and Entrepreneurship*, 11(1), 6. <https://doi.org/10.1186/s13731-022-00198-4>
- Alwiyah, & Watini, S. (2023). Development of Java Hands Startup Business Idea Model by Lean Startup Approach . *Startpreneur Business Digital (SABDA Journal)*, 2(1 SE-Articles), 43–50. <https://doi.org/10.33050/sabda.v2i1.268>
- Amalia, N. S. (2021). *Eksosistem Startup RI Juara.* Finance.Detik.Com.
<https://finance.detik.com/infografis/d-5486224/ekosistem-startup-ri-juara>
- Amini Sedeh, A., Caiazza, R., & Pezeshkan, A. (2023). Unraveling the resource puzzle: exploring entrepreneurial resource management and the quest for new venture success. *The Journal of Technology Transfer*, 48(5), 1552–1573. <https://doi.org/10.1007/s10961-023-10024-y>
- Amit, R, & Shoemaker, P. (1993). Strategic Assets and Organizational Rent. *Strategic Management Journal*, 14, 33–46.
- Amit, Raphael, & Zott, C. (2020). *Business Model Innovation Strategy: Transformational Concepts and Tools for Entrepreneurial Leaders.* John Wiley & Sons, Inc.
- An, J., Kwak, H., Jung, S., Salminen, J., & Jansen, B. J. (2018). Customer segmentation using online platforms: isolating behavioral and demographic segments for persona creation via aggregated user data. *Social Network Analysis and Mining*, 8(1), 54. <https://doi.org/10.1007/s13278-018-0531-0>
- Anderson, J. C., & Gerbing, D. W. (1984). The effect of sampling error on convergence, improper solutions, and goodness-of-fit indices for maximum likelihood confirmatory factor analysis. *Psychometrika*, 49(2), 155–173. <https://doi.org/10.1007/BF02294170>
- Anning-Dorson, T. (2021). Organizational Culture and Leadership as Antecedents to Organizational Flexibility: Implications for SME Competitiveness. *Journal of Entrepreneurship in Emerging Economies*, 13(5), 1309–1325. <https://doi.org/10.1108/jeee-08-2020-0288>
- Ansio, T., & Mattila, E. (1979). Marketing Strategy Formulation — Pure versus Mixed Strategies. *Journal of the Operational Research Society*, 30(12), 1097–1101. <https://doi.org/10.1057/jors.1979.246>
- Anwar, M. R., Yusup, M., Millah, S., & Purnama, S. (2022). The Role of Business Incubators in Developing Local Digital Startups in Indonesia. *Startpreneur Business Digital (SABDA Journal)*, 1(1), 1–10. <https://doi.org/10.34306/sabda.v1i1.69>
- Aragón-Correa, J. A., & Sharma, S. (2003). A Contingent Resource-Based View of Proactive Corporate Environmental Strategy. *Academy of Management*

- Review*, 28(1), 71–88. <https://doi.org/10.5465/AMR.2003.8925233>
- Aransyah, M., Fourqoniah, F., & Riani, L. (2023). Enhancing Student Entrepreneurship Education Model through Design Thinking and Lean Canvas Approaches. *Journal of Social Studies Education Research*, 14(2), 195–216. <https://www.learntechlib.org/p/223033>
- Arfandi. (2023). The Effect of Work Life Balance, Leadership Style and Organizational Culture on Employee Performance. *Ekspektra*, 7(1), 41–51. <https://doi.org/10.25139/ekt.v7i1.5519>
- Ariella, E. (2023). Exploring The Factors That Influence Pivoting In Student Startups : A Case Study Of Entrepreneurship Student Of SBM ITB Analysis. *Syntax Transformation*, 4(10), 192–202.
- Armstrong, P. R., Larson, E. R., Jackson, S. T., Sax, D. F., Simonin, P. W., Blossey, B., Green, N., Klein, M. L., Lester, L., Ricketts, T. H., Runge, M. C., & Shaw, M. R. (2015). Are Conservation Organizations Configured for Effective Adaptation to Global Change? In *Frontiers in Ecology and the Environment* (Vol. 13, Issue 3, pp. 163–169). <https://doi.org/10.1890/130352>
- Aruan, D. T. H., & Felicia, F. (2019). Factors influencing travelers' behavioral intentions to use P2P accommodation based on trading activity: Airbnb vs Couchsurfing. *International Journal of Culture, Tourism and Hospitality Research*, 13(4), 487–504. <https://doi.org/10.1108/IJCTHR-03-2019-0047>
- Ashima, R., Haleem, A., Bahl, S., Javaid, M., Kumar Mahla, S., & Singh, S. (2021). Automation and manufacturing of smart materials in additive manufacturing technologies using Internet of Things towards the adoption of industry 4.0. *Materials Today: Proceedings*, 45, 5081–5088. <https://doi.org/https://doi.org/10.1016/j.matpr.2021.01.583>
- Audretsch, B. D., & Belitski, M. (2022). The limits to open innovation and its impact on innovation performance. *Technovation*, 102519. <https://doi.org/https://doi.org/10.1016/j.technovation.2022.102519>
- Audretsch, D. B., Belitski, M., Caiazza, R., & Siegel, D. (2023). Effects of open innovation in startups: Theory and evidence. *Technological Forecasting and Social Change*, 194, 122694. <https://doi.org/https://doi.org/10.1016/j.techfore.2023.122694>
- Avrahami, D., Pessach, D., Singer, G., & Chalutz Ben-Gal, H. (2022). A human resources analytics and machine-learning examination of turnover: implications for theory and practice. *International Journal of Manpower*, 43(6), 1405–1424. <https://doi.org/10.1108/IJM-12-2020-0548>
- Azoulay, P., Jones, B. F., Kim, J. D., & Miranda, J. (2020). Age and High-Growth Entrepreneurship. *American Economic Review: Insights*, 2(1), 65–82. <https://doi.org/10.1257/aeri.20180582>
- Azzam, M. F., & Fitria, S. E. (2022). Pengembangan Bisnis Startup Zeta Digital Talent Dengan Pendekatan Running Lean. *EProceedings of Management*, 9(2). <https://openlibrarypublications.telkomuniversity.ac.id/index.php/managemen>

t/article/view/17740/17488

- Bachtiar, Vandenberg, P. P., Sawiji, P., & Wikan, H. (2022). *City-Level Tech Startup Ecosystems and Talent Development in Indonesia*. <https://doi.org/10.22617/brf220512-2>
- Baden-Fuller, C., & Teece, D. J. (2020). Market sensing, dynamic capability, and competitive dynamics. *Industrial Marketing Management*, 89, 105–106. <https://doi.org/https://doi.org/10.1016/j.indmarman.2019.11.008>
- Bai, X., Wu, J., Liu, Y., Yang, Y., & Wang, M. (2022). Research on the impact of global innovation network on corporate performance. *Technology Analysis & Strategic Management*, 34(5), 518–534. <https://doi.org/10.1080/09537325.2021.1912317>
- Banal-Estañol, A., Macho-Stadler, I., Nieto-Postigo, J., & Pérez-Castrillo, D. (2023). Early Individual Stakeholders, First Venture Capital Investment, and Exit in the UK Startup Ecosystem. *Journal of Corporate Finance*, 80, 102420. <https://doi.org/10.1016/j.jcorpfin.2023.102420>
- Bank, C. (2022). *15 Ways to Test Your Minimum Viable Product*. The next Web. <https://thenextweb.com/news/15-ways-test-minimum-viable-product>
- Barbosa, A. Q., Loureiro, A. L. D., Silva, L. F. M. da, Almeida, A. B. de, Rosado, T., Casero, A., Meiβ, E., Balaska, H., Uran, M., & Almeida, R. M. A. de. (2021). AdTech Project. *Journal on Teaching Engineering*, 1(1), 133–149. https://doi.org/10.24840/2795-4005_001.001_0006
- Barney, J. (1991). Firm resources and sustained competitive advantage. *Journal of Management*, 17, 99–120.
- Barney, J. B. (1995). Looking inside for Competitive Advantage. *The Academy of Management Executive* (1993-2005), 9(4), 49–61. <http://www.jstor.org/stable/4165288>
- Barney, J. B. (1996). The Resource-Based Theory of the Firm. *Organization Science*, 7(5), 469–469. <https://doi.org/10.1287/ORSC.7.5.469>
- Barney, J. B. (2018). Why resource-based theory's model of profit appropriation must incorporate a stakeholder perspective. *Strategic Management Journal*, 39(13), 3305–3325. <https://doi.org/10.1002/SMJ.2949>
- Barney, J. B., Ketchen, D. J., Wright, M., Barney, J. B., Ketchen, D. J., & Wright, M. (2011). The Future of Resource-Based Theory: Revitalization or Decline? *Journal of Management*, 37(5), 1299–1315. <https://doi.org/10.1177/0149206310391805>
- Baron, T., & Harima, A. (2019). The role of diaspora entrepreneurs in start-up ecosystem development-a Berlin case study. *Int. J. Entrepreneurship and Small Business*, 36(1/2), 74–102. <https://doi.org/10.1504/IJESB.2019.096968>
- Basiouny, A., & Elshamly, M. (2013). *Developing a strategic framework in small and medium sized enterprises (SMEs)*. University Of Gloucestershire.
- Basori, M. H., Mardiana, L., & Setiawan, W. N. I. (2018). Media Economics and the Use of Technology in the Production of Local Gaming Industry. 2018

International Seminar on Application for Technology of Information and Communication, 184–189.
<https://doi.org/10.1109/ISEMANTIC.2018.8549783>

- Basten, D., & Haamann, T. (2018). Approaches for Organizational Learning: A Literature Review. *Sage Open*, 8(3), 2158244018794224. <https://doi.org/10.1177/2158244018794224>
- Becker, S. D., & Endenich, C. (2022). Entrepreneurial Ecosystems As Amplifiers of The Lean Startup Philosophy – Management Control Practices In Earliest-Stage Startups. *SSRN Electronic Journal*. <https://doi.org/10.2139/SSRN.4121174>
- Bednár, I. R., & Tarišková, I. N. (2017). Indicators of Startup Failure. *International Scientific Journal "Industry 4.0,"* 5, 238–240. <http://www.eban.org/about-angel-investment/early-stage-investing->
- Bellantuono, N., Nuzzi, A., Pontrandolfo, P., & Scozzi, B. (2021). Digital Transformation Models for the I4.0 Transition: Lessons from the Change Management Literature. In *Sustainability* (Vol. 13, Issue 23). <https://doi.org/10.3390/su132312941>
- Bengochea, S., Talamona, A., & Parent, M. (2005). A software framework for vehicle-infrastructure cooperative applications. *Proceedings. 2005 IEEE Intelligent Transportation Systems*, 2005., 797–800. <https://doi.org/10.1109/ITSC.2005.1520151>
- Bergmann, T., & Utikal, H. (2021). How to support start-ups in developing a sustainable business model: The case of an european social impact accelerator. *Sustainability (Switzerland)*, 13(6). <https://doi.org/10.3390/su13063337>
- Bertels, H. (2019). Startup on a Budget: Winning New Customers Without Breaking the Bank. *The Case Journal*, 15(2), 109–130. <https://doi.org/10.1108/tcj-08-2018-0097>
- Bhamu, J., & Singh Sangwan, K. (2014). Lean manufacturing: literature review and research issues. *International Journal of Operations & Production Management*, 34(7), 876–940. <https://doi.org/10.1108/IJOPM-08-2012-0315>
- Bianco, S., Zach, F. J., & Liu, A. (2022). Early and late-stage startup funding in hospitality: Effects on incumbents' market value. *Annals of Tourism Research*, 95, 103436. <https://doi.org/https://doi.org/10.1016/j.annals.2022.103436>
- Bilan, Y., Hussain, H. I., Haseeb, M., & Kot, S. (2020). Sustainability and Economic Performance: Role of Organizational Learning and Innovation. *Engineering Economics*, 31(1), 93–103. <https://doi.org/10.5755/J01.EE.31.1.24045>
- Blank, S. (2013). Why the Lean Start-Up Changes Everything. *Harvard Business Review*. <https://hbr.org/2013/05/why-the-lean-start-up-changes-everything>
- Blank, S., & Dorf, B. (2012). *The Startup Owner's Manual: The Step-by-Step Guide for Building a Great Company*. K and S Ranch Inc.
- Bocken, N., & Snihur, Y. (2020). Lean Startup and the business model: Experimenting for novelty and impact. *Long Range Planning*, 53(4), 101953.

- <https://doi.org/https://doi.org/10.1016/j.lrp.2019.101953>
- Bortolini, R. F., Nogueira Cortimiglia, M., Danilevicz, A. de M. F., & Ghezzi, A. (2021). Lean Startup: a comprehensive historical review. *Management Decision*, 59(8), 1765–1783. <https://doi.org/10.1108/MD-07-2017-0663>
- Boyles, M. (2022). What Is Creative Problem-Solving & Why Is It Important? *Harvard Business Review*. <https://online.hbs.edu/blog/post/what-is-creative-problem-solving>
- Braganza, A., Brooks, L., Nepelski, D., Ali, M., & Moro, R. (2017). Resource management in big data initiatives: Processes and dynamic capabilities. *Journal of Business Research*, 70, 328–337. <https://doi.org/https://doi.org/10.1016/j.jbusres.2016.08.006>
- Broughman, B. J., & Fried, J. M. (2012). Do VCs use inside rounds to dilute founders? Some evidence from Silicon Valley. *Journal of Corporate Finance*, 18(5), 1104–1120. <https://doi.org/https://doi.org/10.1016/j.jcorpfin.2012.06.012>
- Brown, T. A. (2015). *Confirmatory Factor Analysis for Applied Research* (2nd ed.). The Guilford Press.
- Brown, T. (2008). Design Thinking. *Harvard Business Review*. <https://hbr.org/2008/06/design-thinking>
- Brown, Tim, & Wyatt, J. (2010). Design Thinking for Social Innovation. *Development Outreach*, 12(1), 29–43. https://doi.org/10.1596/1020-797x_12_1_29
- Browning, T. R., & Eppinger, S. D. (2002). Modeling Impacts of Process Architecture on Cost and Schedule Risk in Product Development. *IEEE Transactions on Engineering Management*, 49(4). <https://doi.org/10.1109/TEM.2002.806709>
- Bruton, G. D., Pryor, C., & Cerecedo Lopez, J. A. (2023). Lean Start-Up in Settings of Impoverishment: The Implications of the Context for Theory. *Journal of Management*, 01492063231204869. <https://doi.org/10.1177/01492063231204869>
- Burchi, A., Włodarczyk, B., Szturo, M., & Martelli, D. (2021). The Effects of Financial Literacy on Sustainable Entrepreneurship. In *Sustainability* (Vol. 13, Issue 9). <https://doi.org/10.3390/su13095070>
- Cabage, N., & Zhang, S. (2013). *The Smarter Startup*. Pearson Education Limited.
- Cairns, P., Pinker, I., Ward, A., Watson, E., & Laidlaw, A. (2021). Empathy maps in communication skills training. *The Clinical Teacher*, 18(2), 142–146. <https://doi.org/10.1111/TCT.13270>
- Cameron, K. S., & Whetten, D. A. (1983). Models of the Organizational Life Cycle: Applications to Higher Education. *The Review of Higher Education*, 6(4), 269–299. <https://doi.org/10.1353/RHE.1983.0009>
- Campfens, Y. (2019). Market Research Report: What Has Become of New Entrants in Research Workflows and Scholarly Communication? *Information Services*

- & Use, 39(4), 407–422. <https://doi.org/10.31219/osf.io/a78zj>
- Cantner, U., Cunningham, J. A., Lehmann, E. E., & Menter, M. (2021). Entrepreneurial ecosystems: a dynamic lifecycle model. *Small Business Economics*, 57(1), 407–423. <https://doi.org/10.1007/s11187-020-00316-0>
- Cappiello, A. (2018). *Digital Disruption and InsurTech Start-ups: Risks and Challenges BT - Technology and the Insurance Industry: Re-configuring the Competitive Landscape* (A. Cappiello (ed.)). Springer International Publishing. https://doi.org/10.1007/978-3-319-74712-5_3
- Cavallo, A., Ghezzi, A., & Rossi-Lamastra, C. (2021). Small-medium enterprises and innovative startups in entrepreneurial ecosystems: exploring an under-remarked relation. *International Entrepreneurship and Management Journal*, 17(4), 1843–1866. <https://doi.org/10.1007/s11365-020-00698-3>
- Caves, R. E., & Porter, M. E. (1977). From Entry Barriers to Mobility Barriers: Conjectural Decisions and Contrived Deterrence to New Competition*. *The Quarterly Journal of Economics*, 91(2), 241–261. <https://doi.org/10.2307/1885416>
- Chatterji, A., Glaeser, E. L., & Kerr, W. R. (2014). Clusters of Entrepreneurship and Innovation. *Innovation Policy and the Economy*, 14, 129–166. <https://doi.org/10.1086/674023>
- Chaudhuri, R., Chatterjee, S., Vrontis, P. D., & Vicentini, F. (2022). Effects of human capital on entrepreneurial ecosystems in the emerging economy: the mediating role of digital knowledge and innovative capability from India perspective. *Journal of Intellectual Capital*, ahead-of-p(ahead-of-print). <https://doi.org/10.1108/JIC-07-2021-0177>
- Chiarini, A., Baccarani, C., & Mascherpa, V. (2018). Lean Production, Toyota Production System and Kaizen Philosophy. *The TQM Journal*, 30(4), 425–438. <https://doi.org/10.1108/tqm-12-2017-0178>
- Chowdhury, U., Suvro, M. A. H., Farhan, S. M. D., & Uddin, J. (2022). Depression and Stress Regarding Future Career Among University Students During COVID-19 Pandemic. *Plos One*, 17(4), e0266686. <https://doi.org/10.1371/journal.pone.0266686>
- Čirjevskis, A. (2019). The Role of Dynamic Capabilities as Drivers of Business Model Innovation in Mergers and Acquisitions of Technology-Advanced Firms. *Journal of Open Innovation Technology Market and Complexity*, 5(1), 12. <https://doi.org/10.3390/joitmc5010012>
- Cleff, T. (2014). Exploratory data analysis in business and economics: An introduction using spss, stata, and excel. In *Exploratory Data Analysis in Business and Economics: An Introduction Using Spss, Stata, and Excel*. <https://doi.org/10.1007/978-3-319-01517-0>
- CNBC Indonesia. (2023). *Begini Nasib Startup RI Jika Tak Ada Tech Winter*. Cnbcindonesia.Com. <https://www.cnbcindonesia.com/tech/20231018150546-37-481629/begini-nasib-startup-ri-jika-tak-ada-tech-winter>
- Cocchi, N., Dosi, C., & Vignoli, M. (2021). The Hybrid Model MatrixEnhancing

- Stage-Gate with Design Thinking, Lean Startup, and Agile. *Research-Technology Management*, 64(5), 18–30. <https://doi.org/10.1080/08956308.2021.1942645>
- Cohen, S. A., Prayag, G., & Moital, M. (2014). Consumer behaviour in tourism: Concepts, influences and opportunities. *Current Issues in Tourism*, 14(10), 872–909 |.
- Colbert, B. A. (2004). The Complex Resource-Based View: Implications for Theory and Practice in Strategic Human Resource Management. *Https://Doi.Org/10.5465/Amr.2004.13670987*, 29(3), 341–358. <https://doi.org/10.5465/AMR.2004.13670987>
- Colbry, S., Hurwitz, M., & Adair, R. (2014). Collaboration Theory. *Journal of Leadership Education*, 13(4), 63–75. <https://doi.org/10.12806/V13/I4/C8>
- Colombo, M. G., Fisch, C., Momtaz, P. P., & Vismara, S. (2021). The CEO Beauty Premium: Founder CEO Attractiveness and Firm Valuation in Initial Coin Offerings. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.3957071>
- Contigiani, A. (2022). The Strategic Costs of Experimental Learning in Early-Stage Ventures. *Academy of Management*. <https://doi.org/https://doi.org/10.5465/AMBPP.2022.107>
- Cooper, R. G. (2019). The drivers of success in new-product development. *Industrial Marketing Management*, 76, 36–47. <https://doi.org/https://doi.org/10.1016/j.indmarman.2018.07.005>
- Costan, E., Gonzales, G., Gonzales, R., Enriquez, L., Costan, F., Suladay, D., Atibing, N. M., Aro, J. L., Evangelista, S. S., Maturan, F., Selerio, E., & Ocampo, L. (2021). Education 4.0 in Developing Economies: A Systematic Literature Review of Implementation Barriers and Future Research Agenda. *Sustainability*, 13(22), 12763. <https://doi.org/10.3390/su132212763>
- Cox, A., Prager, F., & Rose, A. (2011). Transportation security and the role of resilience: A foundation for operational metrics. *Transport Policy*, 18(2), 307–317. <https://doi.org/https://doi.org/10.1016/j.tranpol.2010.09.004>
- Crane, D. P., Ogle, D. H., & Shoup, D. E. (2019). Use and misuse of a common growth metric: guidance for appropriately calculating and reporting specific growth rate. *Reviews in Aquaculture*, 12(3), 1542–1547. <https://doi.org/https://doi.org/10.1111/raq.12396>
- Creswell, J. W., & Creswell, J. D. (2017). *Research Design: Qualitative, Quantitative, and Mixed Method* (5th ed.). SAGE.
- Crona, B. I., & Parker, J. N. (2012). Learning in Support of Governance. *Ecology and Society*, 17(1). <http://www.jstor.org/stable/26269019>
- Crossan, M. M., Lane, H. W., White, R. E., & Djurfeldt, L. (1995). ORGANIZATIONAL LEARNING: DIMENSIONS FOR A THEORY. *The International Journal of Organizational Analysis*, 3(4), 337–360. <https://doi.org/10.1108/eb028835>
- Cuypers, I. R. P., Hennart, J. F., Silverman, B. S., & Ertug, G. (2021). Transaction Cost Theory: Past Progress, Current Challenges, and Suggestions for the

- Future. *Academy of Management Annals*, 15(1), 111–150. <https://doi.org/10.5465/ANNALS.2019.0051>
- Daily Social. (2023). Ayoconnect Pangkas 10% Karyawannya. <Https://Dailysocial.Id/>. <https://dailysocial.id/post/ayoconnect-pangkas-10-karyawannya>
- Danarahmanto, P. A., Primiana, I., Azis, Y., & Kaltum, U. (2019). Customer-Based Business Model for Digital Start-Up. *Proceedings of the First International Conference on Administration Science (ICAS 2019)*. <https://doi.org/10.2991/icas-19.2019.76>
- Dane, F. C., & Carhart, Elliot. (2022). *Evaluating Research: Methodology for People Who Need to Read Research*. SAGE Publication.
- Daradkeh, M., & Mansoor, W. (2023). The impact of network orientation and entrepreneurial orientation on startup innovation and performance in emerging economies: The moderating role of strategic flexibility. *Journal of Open Innovation: Technology, Market, and Complexity*, 9(1), 100004. <https://doi.org/https://doi.org/10.1016/j.joitmc.2023.02.001>
- Das, T. K., & Teng, B.-S. (2000). A Resource-Based Theory of Strategic Alliances. *Journal of Management*, 26(1), 31–61. <https://doi.org/10.1177/014920630002600105>
- David, D., Gopalan, S., & Ramachandran, S. (2020). The Startup Environment and Funding Activity in India. In *Investment in Startups and Small Business Financing: Vol. Volume 17* (pp. 193–232). WORLD SCIENTIFIC. https://doi.org/doi:10.1142/9789811235825_0007
- David, F., David, F. R., & David, M. (2016). *Strategic Management*. Pearson.
- Davidsson, P. (2021). It's the Product-Market Fit, Stupid! Commentary on "Early Indicators of Very Long-Term Venture Performance: A 20-Year Panel Study" by Eli Gimmon and Jonathan Levie. *Academy of Management Discoveries*, 7(2), 317–319. <https://doi.org/https://doi.org/10.5465/amd.2020.0115> View article
- Davis, F. (2011). *Strategic Management: Concepts and Cases* (13th ed.). Prentice Hall.
- De Toni, A., & Nassimbeni, G. (2003). Small and medium district enterprises and the new product development challenge. *International Journal of Operations & Production Management*, 23(6), 678–697. <https://doi.org/10.1108/01443570310476672>
- de Waal, G. A., & Maritz, A. (2022). A disruptive model for delivering higher education programs within the context of entrepreneurship education. *Education + Training*, 64(1), 126–140. <https://doi.org/10.1108/ET-03-2021-0102>
- Dellermann, D., Ebel, P., Lipusch, N., Popp, K. M., & Leimeister, J. M. (2017). Finding the Unicorn: Predicting Early Stage Startup Success through a Hybrid Intelligence Method. *Thirty Eighth International Conference on Information Systems*, 1–13.

- Dellyana, D., Purnama, I., Zaky, M. A., Arina, N., & Dhewanto, W. (2021). *Startup Tools*. Bitread Publising.
- Deng, H., Xu, Y., Deng, Y., & Lin, J. (2022). Transforming knowledge management in the construction industry through information and communications technology: A 15-year review. *Automation in Construction*, 142, 104530. [https://doi.org/https://doi.org/10.1016/j.autcon.2022.104530](https://doi.org/10.1016/j.autcon.2022.104530)
- Dennehy, D., Kasraian, L., O'raghallaigh, P., & Conboy, K. (2016). Product Market Fit Frameworks for Lean Product Development. *R&D Management Conference 2016*.
- Dennehy, D., Kasraian, L., O'Raghallaigh, P., Conboy, K., Sammon, D., & Lynch, P. (2019). A Lean Start-up approach for developing minimum viable products in an established company. *Journal of Decision Systems*, 28(3), 224–232. <https://doi.org/10.1080/12460125.2019.1642081>
- Derave, T., Maes, L., Sales, T. P., Gailly, F., & Poels, G. (2023). One Model to Rule Them All. In T. P. Sales, J. Araújo, J. Borbinha, & G. Guizzardi (Eds.), *Advances in Conceptual Modeling* (pp. 230–241). Springer Nature Switzerland.
- Dewobroto Sakti, W., & Siagian, J. (2016). Business Model Generation and Lean Startup Method as the basis for Business Development Feasibility Study (Case study of PO . Gajah Mungkur Sejahtera). *International Seminar on Industrial Engineering and Management, April*, 80–89.
- Dey, P. K., Malesios, C., De, D., Chowdhury, S., & Abdelaziz, F. Ben. (2020). The Impact of Lean Management Practices and Sustainably-Oriented Innovation on Sustainability Performance of Small and Medium-Sized Enterprises: Empirical Evidence from the UK. *British Journal of Management*, 31(1), 141–161. <https://doi.org/10.1111/1467-8551.12388>
- Dimyati, M., Putera, P. B., Laksani, C. S., Zulhamdani, M., Handoyo, S., Rianto, Y., & Handoko, L. T. (2023). Research strength index to identify the performance of research universities: the case of Indonesia. *Journal of Science and Technology Policy Management*, 14(3), 547–562. <https://doi.org/10.1108/JSTPM-06-2020-0096>
- Doherty, C. (2010). *Assessment of Public Sector's Planning and Strategies for Attaining Strategic Alignment*. ProQuest UMI Dissertation Publishing.
- Dooley, K. J. (1997). A Complex Adaptive Systems Model of Organization Change. *Nonlinear Dynamics, Psychology, and Life Sciences*, 1(1), 69–97. <https://doi.org/10.1023/A:1022375910940>
- Dossi, A., & Patelli, L. (2010). You Learn From What You Measure: Financial and Non-financial Performance Measures in Multinational Companies. *Long Range Planning*, 43(4), 498–526. <https://doi.org/https://doi.org/10.1016/j.lrp.2010.01.002>
- Downey, H. K., Hellriegel, D., & Slocum, J. W. (1975). Environmental Uncertainty: The Construct and Its Application. *Administrative Science Quarterly*, 20(4), 613–629. <https://doi.org/10.2307/2392027>

- Drnevich, P. L., & Kriauciunas, A. P. (2011). Clarifying the conditions and limits of the contributions of ordinary and dynamic capabilities to relative firm performance. *Strategic Management Journal*, 32(3), 254–279. <https://doi.org/10.1002/SMJ.882>
- Duimering, P. R., Ran, B., Derbentseva, N., & Poile, C. (2006). The effects of ambiguity on project task structure in new product development. *Knowledge and Process Management*, 13(4), 239–251. <https://doi.org/10.1002/KPM.260>
- Dwivedi, Y. K., Ismagilova, E., Hughes, D. L., Carlson, J., Filieri, R., Jacobson, J., Jain, V., Karjaluoto, H., Kefi, H., Krishen, A. S., Kumar, V., Rahman, M. M., Raman, R., Rauschnabel, P. A., Rowley, J., Salo, J., Tran, G. A., & Wang, Y. (2021). Setting the future of digital and social media marketing research: Perspectives and research propositions. *International Journal of Information Management*, 59, 102168. <https://doi.org/https://doi.org/10.1016/j.ijinfomgt.2020.102168>
- Dwivedi, Y. K., Kshetri, N., Hughes, L., Slade, E. L., Jeyaraj, A., Kar, A. K., Baabdullah, A. M., Koohang, A., Raghavan, V., Ahuja, M., Albanna, H., Albashrawi, M. A., Al-Busaidi, A. S., Balakrishnan, J., Barlette, Y., Basu, S., Bose, I., Brooks, L., Buhalis, D., ... Wright, R. (2023). Opinion Paper: “So what if ChatGPT wrote it?” Multidisciplinary perspectives on opportunities, challenges and implications of generative conversational AI for research, practice and policy. *International Journal of Information Management*, 71, 102642. <https://doi.org/https://doi.org/10.1016/j.ijinfomgt.2023.102642>
- Dyer, J. H., Singh, H., & Hesterly, W. S. (2018). The relational view revisited: A dynamic perspective on value creation and value capture. *Strategic Management Journal*, 39(12), 3140–3162. <https://doi.org/https://doi.org/10.1002/smj.2785>
- Easterby-Smith, M., Lyles, M. A., & Peteraf, M. A. (2009). Dynamic capabilities: Current debates and future directions. *British Journal of Management*, 20(SUPP. 1). <https://doi.org/10.1111/j.1467-8551.2008.00609.x>
- Eckerson, W. W. (2006). *Performance dashboards : measuring, monitoring, and managing your business*. John Wiley. <https://www.wiley.com/en-us/Performance+Dashboards%3A+Measuring%2C+Monitoring%2C+and+Managing+Your+Business-p-9780471757658>
- Eesley, C. E., & Roberts, E. B. (2012). Are You Experienced or Are You Talented?: When Does Innate Talent versus Experience Explain Entrepreneurial Performance? *Strategic Entrepreneurship Journal*, 6(3), 207–219. <https://doi.org/10.1002/SEJ.1141>
- Eggers, F., Sattler, H., Teichert, T., & Völckner, F. (2022). *Choice-Based Conjoint Analysis BT - Handbook of Market Research* (C. Homburg, M. Klarmann, & A. Vomberg (eds.)). Springer International Publishing. https://doi.org/10.1007/978-3-319-57413-4_23
- Eisenhardt, K. M., & Martin, J. A. (2000). Dynamic Capabilities: What Are They? *Strategic Management Journal Strat. Mgmt. J.*, 21, 1105–1121. <https://doi.org/10.1002/1097-0266>

- Eisenmann, T. R. (2020b). Determinants of Early-Stage Startup Performance: Survey Results. In *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.3725023>
- Eka, R. (2024a). MCI Dikabarkan Kembali Berikan Pendanaan ke Ayoconnect. <Https://Dailysocial.Id/>. <https://dailysocial.id/post/pendanaan-ayoconnect-mci>
- Eka, R. (2024b). *Startup Pembelajaran Bahasa Inggris EduKita Raih Pendanaan Awal*. <Https://Dailysocial.Id/>. <https://dailysocial.id/post/pendanaan-awal-edukita>
- Elia, A., Kamidelivand, M., Rogan, F., & Ó Gallachóir, B. (2021). Impacts of innovation on renewable energy technology cost reductions. *Renewable and Sustainable Energy Reviews*, 138, 110488. <https://doi.org/https://doi.org/10.1016/j.rser.2020.110488>
- Eni, Y. (2021). Systematic Literature Review for Performance Business Evaluation and Company Finance with Economic Value Added (EVA) Analysis. *Journal of Management Information and Decision Sciences*, 24(1S), 1–8.
- Eppinger, S. ., & Browning, T. (2012). *Design structure matrix methods and applications*. MIT Press.
- Ergasheva, S., & Kruglov, A. (2020). Software Development Life Cycle early phases and quality metrics: A Systematic Literature Review. *Journal of Physics: Conference Series*, 1694(1), 012007. <https://doi.org/10.1088/1742-6596/1694/1/012007>
- Erichsen, J., Sjöman, H., Steinert, M., & Welo, T. (2020). Protobooth: Gathering and Analyzing Data on Prototyping in Early-Stage Engineering Design Projects by Digitally Capturing Physical Prototypes. *Artificial Intelligence for Engineering Design Analysis and Manufacturing*, 35(1), 65–80. <https://doi.org/10.1017/s0890060420000414>
- European Startup Monitor (EMS). (2016). *EU Startup Monitor*. Startup Monitor. <http://startupmonitor.eu/>
- Fagarasan, C., Cristea, C., Cristea, M., Popa, O., & Pisla, A. (2023). Integrating Sustainability Metrics into Project and Portfolio Performance Assessment in Agile Software Development: A Data-Driven Scoring Model. In *Sustainability* (Vol. 15, Issue 17). <https://doi.org/10.3390/su151713139>
- Fasnacht, D. (2018). Open Innovation in the Financial Services BT - Open Innovation Ecosystems: Creating New Value Constellations in the Financial Services. In D. Fasnacht (Ed.), *Open Innovation Ecosystems. Management for Professionals* (pp. 97–130). Springer International Publishing. https://doi.org/10.1007/978-3-319-76394-1_4
- Feiz, D., Zarei, A., Mibashrazgah, M. M., & Shaabani, A. (2021). Typology of growth hacking strategies along the growth hacking funnel. *Iranian Journal of Management Studies*, 14(2), 331–346. <https://doi.org/10.22059/IJMS.2020.272362.673453>
- Feld, B. (2012). *Startup communities: Building an entrepreneurial ecosystem in your city*. John Wiley.

- Feld, Brad, & Hathaway, I. (2020). *The Startup Community Way: Evolving an Entrepreneurial Ecosystem*. Wiley.
- Felin, T., Gambardella, A., Stern, S., & Zenger, T. (2019). Lean Startup and the Business Model: Experimentation Revisited by Teppo Felin, Alfonso Gambardella, Scott Stern, Todd Zenger:: SSRN. *Long Range Planning*. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3427084
- Ferdinand, A. (2006). *Metode Penelitian Manajemen: Pedoman Penelitian untuk Skripsi, Tesis dan Disertai Ilmu Manajemen*. Universitas Diponegoro.
- Fiorentino, R., Longobardi, S., & Scaletti, A. (2021). The early growth of start-ups: innovation matters. Evidence from Italy. *European Journal of Innovation Management*, 24(5), 1525–1546. <https://doi.org/10.1108/EJIM-02-2020-0057>
- Firdausi, A. B. (2024). *Elevarm Dapat Pendanaan Awal Rp41,7 Miliar dari Insignia, 500 Global, dan Gibran Huzaifah*. <Https://Dailysocial.Id/>. <https://dailysocial.id/post/agritech-elevarm-dapat-pendanaan-awal>
- Fitria, S. E., & Fathurachman, G. A. (2022). Analysis of Factors That Influence Business Strategy Decision Making on Startup Through The Concept of Pivot Strategy. *Asian Journal of Research in Business and Management*, 4(2), 14–23. <https://doi.org/10.55057/ajrbm.2022.4.2.2>
- Foss, K., & Foss, N. J. (2005). Resources and transaction costs: how property rights economics furthers the resource-based view. *Strategic Management Journal*, 26(6), 541–553. <https://doi.org/10.1002/SMJ.465>
- Foss, N. J., Klein, P. G., Kor, Y. Y., & Mahoney, J. T. (2008). Entrepreneurship, subjectivism, and the resource-based view: toward a new synthesis. *Strategic Entrepreneurship Journal*, 2(1), 73–94. <https://doi.org/10.1002/SEJ.41>
- Freeman, R. E., Dmytriiev, S. D., & Phillips, R. A. (2021). Stakeholder Theory and the Resource-Based View of the Firm. *Journal of Management*, 47(7), 1757–1770. <https://doi.org/10.1177/0149206321993576>
- Frolick, M. N., & Ariyachandra, T. R. (2006). Business Performance Management: One Truth. *Information Systems Management*, 23(1), 41–48. <https://doi.org/10.1201/1078.10580530/45769.23.1.20061201/91771.5>
- Furr, N., Özcan, P., & Eisenhardt, K. M. (2022). What Is Digital Transformation? Core Tensions Facing Established Companies on the Global Stage. *Global Strategy Journal*, 12(4), 595–618. <https://doi.org/10.1002/gsj.1442>
- Furrer, O., Thomas, H., & Goussevskaia, A. (2008). The structure and evolution of the strategic management field: A content analysis of 26 years of strategic management research. *International Journal of Management Reviews*, 10(1), 1–23. <https://doi.org/10.1111/J.1468-2370.2007.00217.X>
- García-Ochoa, C. P., De-Pablos-Heredero, C., & Jimenez, F. J. B. (2022). The role of business accelerators in generating dynamic capabilities within startups. *International Journal of Entrepreneurship and Innovation Management*, 26(1–2), 25–42. <https://doi.org/10.1504/IJEIM.2022.120879>
- Garza-Reyes, J. A., Torres Romero, J., Govindan, K., Cherrafi, A., & Ramanathan, U. (2018). A PDCA-based approach to Environmental Value Stream Mapping

- (E-VSM). *Journal of Cleaner Production*, 180, 335–348. <https://doi.org/https://doi.org/10.1016/j.jclepro.2018.01.121>
- Gaskin, J., Ogbeibu, S., & Lowry, P. B. (2023). Demystifying Prediction in Mediation Research and the Use of Specific Indirect Effects and Indirect Effect Sizes. In H. Latan, J. Hair Joseph F., & R. Noonan (Eds.), *Partial Least Squares Path Modeling: Basic Concepts, Methodological Issues and Applications* (pp. 209–228). Springer International Publishing. https://doi.org/10.1007/978-3-031-37772-3_8
- Ghezzi, A. (2020). How Entrepreneurs make sense of Lean Startup Approaches: Business Models as cognitive lenses to generate fast and frugal Heuristics. *Technological Forecasting and Social Change*, 161, 120324. <https://doi.org/https://doi.org/10.1016/j.techfore.2020.120324>
- Ghezzi, A., & Cavallo, A. (2020). Agile Business Model Innovation in Digital Entrepreneurship: Lean Startup Approaches. *Journal of Business Research*, 110, 519–537. <https://doi.org/https://doi.org/10.1016/j.jbusres.2018.06.013>
- Ghosh, S., Hughes, M., Hodgkinson, I., & Hughes, P. (2022). Digital transformation of industrial businesses: A dynamic capability approach. *Technovation*, 113, 102414. <https://doi.org/https://doi.org/10.1016/j.technovation.2021.102414>
- Ghozali, I. (2014). *Model Persamaan Struktural. Konsep dan Aplikasi dengan Program AMOS 24. Update Bayesian SEM*. Badan Penerbit Universitas Diponegoro.
- Gifford, E., Buenstorf, G., Ljungberg, D., McKelvey, M., & Zaring, O. (2021). Variety in founder experience and the performance of knowledge-intensive innovative firms. *Journal of Evolutionary Economics*, 31(2), 677–713. <https://doi.org/10.1007/s00191-020-00692-6>
- Glaeser, E. L., Kerr, W. R., & Ponzetto, G. A. M. (2010). Clusters of entrepreneurship. *Journal of Urban Economics*, 67(1), 150–168. <https://doi.org/https://doi.org/10.1016/j.jue.2009.09.008>
- Göçer, A., Altuntas Vural, C., & Lind, F. (2023). An ICT-based start-up entering maritime logistics networks: facilitation of value cocreation patterns. *Journal of Business & Industrial Marketing*, 38(13), 1–14. <https://doi.org/10.1108/JBIM-12-2021-0569>
- Gokomodo. (2023). *Dorong Kemajuan Berkelanjutan*. <Https://Gokomodo.Com/>. <https://gokomodo.com/>
- Gómez-Prado, R., Alvarez-Risco, A., Cuya-Velásquez, B. B., Anderson-Seminario, M. D., Del-Aguila-Arcentales, S., & Yáñez, J. A. (2022). Product Innovation, Market Intelligence and Pricing Capability as a Competitive Advantage in the International Performance of Startups: Case of Peru. In *Sustainability* (Vol. 14, Issue 17). <https://doi.org/10.3390/su141710703>
- Gompers, P. A., Gornall, W., Kaplan, S. N., & Strebulaev, I. A. (2020). How do venture capitalists make decisions? *Journal of Financial Economics*, 135(1), 169–190. <https://doi.org/https://doi.org/10.1016/j.jfineco.2019.06.011>

- Górecka, A., & Zborowska, P. (2020). The Factors Influencing the Growth in Dropshipping Orders During The COVID-19 Pandemic. *Ekonomika I Organizacja Logistyki*, 5(3), 77–91. <https://doi.org/10.22630/eiol.2020.5.3.22>
- Graça, P., & Camarinha-Matos, L. M. (2017). Performance indicators for collaborative business ecosystems — Literature review and trends. *Technological Forecasting and Social Change*, 116, 237–255. <https://doi.org/10.1016/j.techfore.2016.10.012>
- Graham, S. J. H., Merges, R. P., Samuelson, P., & Sichelman, T. (2009). High Technology Entrepreneurs and the Patent System: Results of the 2008 Berkeley Patent Survey. *Berkeley Technology Law Journal*, 24(4), 1255–1327. <http://www.jstor.org/stable/24120583>
- Grant, D., & Yeo, B. (2022). Resource-based view of the Productivity Paradox. *Technology Analysis & Strategic Management*, 1–16. <https://doi.org/10.1080/09537325.2022.2042509>
- Grant, R. M. (1991). The Resource-Based Theory of Competitive Advantage: Implications for Strategy Formulation. *California Management Review*, 33(3), 114–135. https://doi.org/10.2307/41166664/ASSET/41166664.FP.PNG_V03
- Grover, A. K., & Dresner, M. (2022). A theoretical model on how firms can leverage political resources to align with supply chain strategy for competitive advantage. *Journal of Supply Chain Management*, 58(2), 48–65. <https://doi.org/10.1111/JSCM.12284>
- Gueler, M. S., & Schneider, S. (2021). The resource-based view in business ecosystems: A perspective on the determinants of a valuable resource and capability. *Journal of Business Research*, 133, 158–169. <https://doi.org/https://doi.org/10.1016/j.jbusres.2021.04.061>
- Gunasekaran, A., Patel, C., & McGaughey, R. E. (2004). A framework for supply chain performance measurement. *International Journal of Production Economics*, 87(3), 333–347. <https://doi.org/https://doi.org/10.1016/j.ijpe.2003.08.003>
- Gunasekaran, N., & Anandkumar, V. (2012). Factors of Influence in Choosing Alternative Accommodation:A Study with Reference to Pondicherry, A Coastal Heritage Town. *Procedia - Social and Behavioral Sciences*, 62, 1127–1132. <https://doi.org/https://doi.org/10.1016/j.sbspro.2012.09.193>
- Gupta, Shivam, Drave, V. A., Dwivedi, Y. K., Baabdullah, A. M., & Ismagilova, E. (2020). Achieving superior organizational performance via big data predictive analytics: A dynamic capability view. *Industrial Marketing Management*, 90, 581–592. <https://doi.org/https://doi.org/10.1016/j.indmarman.2019.11.009>
- Gupta, Srikant, Kushwaha, P. S., Badhera, U., Chatterjee, P., & Gonzalez, E. D. R. S. (2023). Identification of Benefits, Challenges, and Pathways in E-commerce Industries: An integrated two-phase decision-making model. *Sustainable Operations and Computers*. <https://doi.org/https://doi.org/10.1016/j.susoc.2023.08.005>

- Gupta, V., Fernandez-Crehuet, J. M., & Hanne, T. (2020). Fostering Continuous Value Proposition Innovation through Freelancer Involvement in Software Startups: Insights from Multiple Case Studies. In *Sustainability* (Vol. 12, Issue 21). <https://doi.org/10.3390/su12218922>
- Haarhaus, T., & Liening, A. (2020). Building dynamic capabilities to cope with environmental uncertainty: The role of strategic foresight. *Technological Forecasting and Social Change*, 155, 120033. <https://doi.org/https://doi.org/10.1016/j.techfore.2020.120033>
- Habiburrahman, Prasetyo, A., Raharjo, T. W., Rinawati, H. S., Trisnani, Eko, B. R., Wahyudiyono, Wulandari, S. N., Fahlevi, M., Aljuaid, M., & Heidler, P. (2022). Determination of Critical Factors for Success in Business Incubators and Startups in East Java. In *Sustainability* (Vol. 14, Issue 21). <https://doi.org/10.3390/su142114243>
- Hair, J. F., Risher, J. J., Sarstedt, M., & Ringle, C. M. (2019). When to use and how to report the results of PLS-SEM. *European Business Review*, 31(1), 2–24. <https://doi.org/10.1108/EBR-11-2018-0203>
- Hair Jr, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2019). Multivariate Data Analysis Eight Edition. *Cengage*, 49(1), 103–104.
- Hall, R. (1993). A Framework Linking Intangible Resources and Capabilities to Sustainable Competitive Advantage. *Strategic Management Journal*, 14(8), 607–618. <http://www.jstor.org/stable/2486860>
- Handoyo, H. (2024). *Kominfo: Jumlah Startup Digital Tanah Air Mengalami Peningkatan*. <Https://Nasional.Kontan.Co.Id/>. <https://nasional.kontan.co.id/news/kominfo-jumlah-startup-digital-tanah-air-mengalami-peningkatan>
- Hangl, J., Krause, S., & Behrens, V. J. (2023). Drivers, barriers and social considerations for AI adoption in SCM. *Technology in Society*, 74, 102299. <https://doi.org/https://doi.org/10.1016/j.techsoc.2023.102299>
- Hannigan, T. R., Briggs, A. R., Valadao, R., Seidel, M.-D. L., & Jennings, P. D. (2021). A new tool for policymakers: Mapping cultural possibilities in an emerging AI entrepreneurial ecosystem. *Research Policy*, 104315. <https://doi.org/https://doi.org/10.1016/j.respol.2021.104315>
- Hanschke, C., Baer, J. A., Gangaramany, A., Verheijen, J., Kilonzo, N., Okiya, B., Ranji, L. K., Amolo, S. A., Zwane, S., Nkambule, R., Buluma, V., Ojoo, S., Kim, S., Kibwana, S., Dybul, M., & Kretschmer, S. (2021). Supporting Communities of Practice – A Journey to Effective Problem-Solving. *Gates Open Research*, 4, 110. <https://doi.org/10.12688/gatesopenres.13149.2>
- Haq, F. (2021). Co-Creation Applied to Innovation for Branding Online Distance Education. *Turkish Online Journal of Distance Education*, 22(4), 295–306. <https://doi.org/10.17718/TOJDE.1002886>
- Harms, R., & Schwery, M. (2020). Lean Startup: Operationalizing Lean Startup Capability and testing its performance implications. *Journal of Small Business Management*, 58(1), 200–223.

<https://doi.org/10.1080/00472778.2019.1659677>

Hart, S. L. (1995). A Natural-Resource-Based View of the Firm. *Academy of Management Review*, 20(4), 17–45.
<https://doi.org/10.5465/AMR.1995.9512280033>

Hasle, P., Bojesen, A., Jensen, P. ., & Bramming, P. d. (2012). Lean and the working environment: a review of the literature. *International Journal of Operations & Production Management*, 32(7), 829–849.

Hastuti, S., Teguh Widodo, J. D., & Purwanto. (2023). Implementasi Metode Scamper Dalam Produksi Program Budaya Di TVRI Surabaya. *Jurnal Heritage*, 11(1), 28–37.
<https://mail.jurnal.yudharta.ac.id/v2/index.php/HERITAGE/article/view/3719>

Häuberer, J. (2011). *Social Capital Theory Towards a Methodological Foundation*. Springer.

Helfat, C. E., & Peteraf, M. A. (2014). Managerial Cognitive Capabilities and the Microfoundations of Dynamic Capabilities. *Strategic Management Journal*, 36(6), 831–850. <https://doi.org/10.1002/smj.2247>

Hellmann, T., & Puri, M. (2000). The Interaction between Product Market and Financing Strategy: The Role of Venture Capital. *The Review of Financial Studies*, 13(4), 959–984. <http://www.jstor.org/stable/2646058>

Helmold, M., & Terry, B. (2021). Performance Management Cycle, KPI, and OKR BT. In M. Helmold & B. Terry (Eds.), *Operations and Supply Management 4.0: Industry Insights, Case Studies and Best Practices* (pp. 145–154). Springer International Publishing. https://doi.org/10.1007/978-3-030-68696-3_12

Henseler, J. (2021). *Composite-Based Structural Equation Modeling: Analyzing Latent and Emergent Variables*. Guilford Publications.

Herman, S. E. (2022). Internal Factors on Effectiveness of Performance Management System S. *Business and Entrepreneurial Review*, 22(1), 73–84.
<https://doi.org/10.25105/BER.V22I1.12643>

Hermawan, I., Sari, R., Sudarwati, Y., Izzaty, & Wuryandani, D. (2023). A Beauty is in the Eye of the Beholder: The Analysis of Indonesian Agricultural Startups Development Strategy BT. *Proceedings of the 3rd International Conference on Smart and Innovative Agriculture (ICoSIA 2022)*, 5–23.
https://doi.org/10.2991/978-94-6463-122-7_2

Hijji, K. Z. Al. (2014). Strategic Management Model for Academic Libraries. *Procedia - Social and Behavioral Sciences*, 147, 9–15.
<https://doi.org/https://doi.org/10.1016/j.sbspro.2014.07.080>

Ho, J. C. (2022). Disruptive innovation from the perspective of innovation diffusion theory. *Technology Analysis & Strategic Management*, 34(4), 363–376.
<https://doi.org/10.1080/09537325.2021.1901873>

Hofer, C. W. (1990). Toward a Contingency Theory of Business Strategy. In D. Hahn & B. Taylor (Eds.), *Strategische Unternehmungsplanung / Strategische*

- Unternehmungsführung: Stand und Entwicklungstendenzen* (pp. 151–175). Physica-Verlag HD. https://doi.org/10.1007/978-3-662-41484-2_7
- Hoskisson, R. E., Hitt, M. A., Wan, W. P., & Yiu, D. (1999). Theory and research in strategic management: Swings of a pendulum. *Journal of Management*, 25(3), 417–456. <https://doi.org/10.1177/014920639902500307>
- Hoyle, R. . (1999). *Statistical Strategies for Small Sample Research*. SAGE.
- Hu, Q., Mason, R., Williams, S. J., & Found, P. (2015). Lean implementation within SMEs: a literature review. *Journal of Manufacturing Technology Management*, 26(7), 980–1012. <https://doi.org/10.1108/JMTM-02-2014-0013>
- Huang, Zengyi, Che, C., Zheng, H., & Li, C. (2024). Research on Generative Artificial Intelligence for Virtual Financial Robo-Advisor. *Academic Journal of Science and Technology*, 10(1), 74.
- Huang, Zhi-xiong, Savita, K. S., & Zhong-jie, J. (2022). The Business Intelligence impact on the financial performance of start-ups. *Information Processing & Management*, 59(1), 102761. <https://doi.org/https://doi.org/10.1016/j.ipm.2021.102761>
- Hulliyah, K., Rayyan, F., & Bakar, N. S. A. A. (2022). Development of a Chatbot for the Online Application Telegram Chat With an Approach to the Emotion Classification Text Using the Indobert-Lite Method. *2022 4th International Conference on Cybernetics and Intelligent System (ICORIS)*. <https://doi.org/10.1109/icoris56080.2022.10031483>
- Ibrahim, I. M., Francisca Nonyelum, O., & Rambo Saidu, I. (2020). Iterative And Incremental Development Analysis Study of Vocational Career Information Systems. *International Journal of Software Engineering & Applications (IJSEA)*, 11(5). <https://doi.org/10.5121/ijsea.2020.11502>
- Investor.id. (2022). *Investor Peringatkan Masa Booming Start Up Jelas Berakhir*. Investor.Id. <https://investor.id/international/295678/investor-peringatkan-masa-booming-start-up-jelas-berakhir>
- Isenberg, D. (2014). *What an Entrepreneurship Ecosystem Actually Is*. Harvard Business Review. <https://hbr.org/2014/05/what-an-entrepreneurial-ecosystem-actually-is>
- Isenberg, D., & Global, B. (2011). The Entrepreneurship Ecosystem Strategy as a New Paradigm for Economic Policy: Principles for Cultivating Entrepreneurship 1. *The Babsos Entrepreneurship Ecosystem Project* (, 1(781), 1–13.
- Iswari, H. R., Sudarmiatin, S., & Hermawan, A. (2022). CSR inhibiting factors in Student Start-up Business. *Governors*, 2021(03), 90–98. <https://jurnal.itscience.org/index.php/governors/article/view/1893%0Ahttps://jurnal.itscience.org/index.php/governors/article/download/1893/1429>
- Iwasaki, K. (2018). Emergence of Fintech Companies in Southeast Asia-Rising Hopes of a Solution to Financial Issues-Summary. *Pacific Business and Industries*, XVIII(68), 2–32.
- JETRO. (2019). *Has the Startup Ecosystem in Japan Formed?*

- Kabir, S. (2007). Strategic planning in Municipal Government: the Case of the City of Ottawa. *Canadian Social Science*, 3(5), 5–15.
- Kames, D., Mamasioulas, A., Sebastian, S., & Chryssolouris, G. (2023). Hardware start-ups and manufacturing innovation. *Production & Manufacturing Research*, 11(1), 2246537. <https://doi.org/10.1080/21693277.2023.2246537>
- Kamilla, W. F., & Bestari, D. K. P. (2022). Pengaruh Popularitas NCT Dream Sebagai Brand Ambassador Dan Kepuasan Konsumen Terhadap Minat Beli Ulang Mie Lemonilo (Studi Pada Masyarakat Di Kota Bandung). *Jiip - Jurnal Ilmiah Ilmu Pendidikan*, 5(9), 3701–3708. <https://doi.org/10.54371/jiip.v5i9.855>
- Kaplan, R. S., & Norton, D. P. (1992). The Balanced Scorecard-Measures That Drive Performance. *Harvard Business Review*.
- Karia, D., Shah, K., Venkatesh, K., Acharya, S., & Arora, M. (2022). A Comparative Analysis of the Engineering Design and Lean Start-Up Innovation Methodologies. *Proceedings of the Design Society*, 2, 31–40. <https://doi.org/DOI: 10.1017/pds.2022.4>
- Katadata. (2022). *Pendanaan Startup Anjlok 27%, Terendah Sejak Pandemi Corona*. <Https://Katadata.Co.Id/>. <https://katadata.co.id/desysetyowati/digital/62bbd77e57c1b/pendanaan-startup-anjlok-27-terendah-sejak-pandemi-corona>
- Katadata. (2023a). *Indonesia Masuk Jajaran Negara dengan Startup Terbanyak Dunia, Berapa Jumlahnya?* <Katadata.Co.Id>. <https://databoks.katadata.co.id/datapublish/2023/06/14/indonesia-masuk-jajaran-negara-dengan-startup-terbanyak-dunia-berapa-jumlahnya>
- Katadata. (2023b). *Investasi Startup RI Anjlok 87% pada Semester I 2023, Jatuh Terdalam se-ASEAN.* <Katadata.Co.Id>. <https://databoks.katadata.co.id/datapublish/2023/11/04/investasi-startup-ri-anjlok-87-pada-semester-i-2023-jatuh-terdalam-se-asean>
- Kato, M. (2020). Founders' human capital and external knowledge sourcing: Exploring the absorptive capacity of start-up firms. *Economics of Innovation and New Technology*, 29(2), 184–205. <https://doi.org/10.1080/10438599.2019.1598670>
- Kaufman, J. (2012). *The Personal MBA: Master the Art of Business*. Portfolio.
- Kautish, P., Hameed, S., Kour, P., & Walia, S. (2022). Career beliefs, self-efficacy and VUCA skills: A study among generation Z female students of tourism and hospitality. *Journal of Hospitality, Leisure, Sport & Tourism Education*, 30, 100340. <https://doi.org/https://doi.org/10.1016/j.jhlste.2021.100340>
- Kee, D. M. H., & Rahman, N. A. (2017). Analyzing entrepreneurial orientation impact on start-up success with support service as moderator: A PLS-SEM approach. *Business and Economic Horizons*, 13(2), 128–141. <https://doi.org/DOI: http://dx.doi.org/10.15208/beh.2017.10>
- Keller, K. L., Sternthal, B., & Tybout, A. (2002). Three Questions You Need to Ask About Your Brand. *Harvard Business Review*.

- Kelloway, E. K. (2015). *Using Mplus for Structural Equation Modeling*. SAGE.
- Kemendikbud. (2024). *Program Pembinaan Mahasiswa Wirausaha*. <Https://Kesejahteraan.Kemdikbud.Go.Id/P2mw>.
- Kemenko Perekonominan. (2022). *Pemerintah Terus Mendorong Akselerasi Program Pemulihan Ekonomi Nasional 2022*. <Www.Ekon.Go.Id>. <https://www.ekon.go.id/publikasi/detail/3959/pemerintah-terus-mendorong-akselerasi-program-pemulihan-ekonomi-nasional>
- Kermavnar, T., Shannon, A., & O'Sullivan, L. W. (2021). The application of additive manufacturing / 3D printing in ergonomic aspects of product design: A systematic review. *Applied Ergonomics*, 97, 103528. <https://doi.org/https://doi.org/10.1016/j.apergo.2021.103528>
- Kharisma, D. B. (2021). Membangun Kerangka Pengaturan Startup di Indonesia. *Jurnal Rechts Vinding: Media Pembinaan Hukum Nasional*, 10(3), 431–445.
- Khatib, S. F. A., & Nour, A. N. I. (2021). The Impact of Corporate Governance on Firm Performance During The COVID-19 Pandemic: Evidence from Malaysia. *The Journal of Asian Finance, Economics and Business*, 8(2), 943–952. <https://doi.org/10.13106/JAFEB.2021.VOL8.NO2.0943>
- Kim, D. (2013). Under what conditions will social commerce business models survive? *Electronic Commerce Research and Applications*, 12(2), 69–77. <https://doi.org/https://doi.org/10.1016/j.elerap.2012.12.002>
- Kim, D. J. (2022). Chapter 8 - Business considerations in starting a diabetes digital health start-up. In D. C. Klonoff, D. Kerr, & E. R. B. T.-D. D. H. and T. Weitzman (Eds.), *Diabetes Digital Health and Telehealth* (pp. 87–97). Academic Press. <https://doi.org/https://doi.org/10.1016/B978-0-323-90557-2.00008-X>
- Kim, S. (2022). A Study on the Revitalization of Start-Up in Daegu Metropolitan City Through the Analysis of Domestic and Foreign Start-Up Trends. *National Association of Korean Local Government Studies*, 23(4), 219–238. <https://doi.org/10.38134/klgr.2022.23.4.219>
- Kindström, D., Kowalkowski, C., & Sandberg, E. (2013). Enabling service innovation: A dynamic capabilities approach. *Journal of Business Research*, 66(8), 1063–1073. <https://doi.org/https://doi.org/10.1016/j.jbusres.2012.03.003>
- Köhn, A. (2018). The determinants of startup valuation in the venture capital context: a systematic review and avenues for future research. *Management Review Quarterly*, 68(1), 3–36. <https://doi.org/10.1007/s11301-017-0131-5>
- Kokabha, M. R., Tuunainen, V. K., & Hekkala, R. (2019). *How Mobile Game Startups Excel in the Market*. <https://doi.org/10.24251/hicss.2019.650>
- Kolawole, A., & Ekoh, C. O. (2022). A Multivariate Model to Predicting Vibration Features for Equipment Prognosis. *Nigerian Journal of Technology*, 41(4), 739–749. <https://doi.org/10.4314/njt.v41i4.11>
- Kopi Kenangan. (2023). *Wujudkan Misi Ekspansi Global, Kopi Kenanganresmi Buka Outlet Pertama di Malaysia*. <Https://Kopikenangan.Com/>.

- <https://kopikenangan.com/news/wujudkan-misi-ekspansi-global-kopikenanganresmi-buka-outlet-pertama-di-malaysia>
- Kotler, P. (2017). Customer Value Management. *Journal of Creating Value*, 3(2), 170–172. <https://doi.org/10.1177/2394964317706879>
- Krupenna, I. (2022). Marketing Digital Tools From Startup Projects in the Tourism and Travel Industry. *Proceedings of Scientific Works of Cherkasy State Technological University Series Economic Sciences*, 67, 24–31. <https://doi.org/10.24025/2306-4420.67.2022.278790>
- Kuckertz, A., Brändle, L., Gaudig, A., Hinderer, S., Morales Reyes, C. A., Prochotta, A., Steinbrink, K. M., & Berger, E. S. C. (2020). Startups in times of crisis – A rapid response to the COVID-19 pandemic. *Journal of Business Venturing Insights*, 13, e00169. <https://doi.org/https://doi.org/10.1016/j.jbvi.2020.e00169>
- Kumar, S., Sureka, R., Colombage, S., Kumar, S., Sureka, R., & Colombage, S. (2020). Capital structure of SMEs: a systematic literature review and bibliometric analysis. *Management Review Quarterly*, 70(4), 535–565. <https://doi.org/10.1007/S11301-019-00175-4>
- Kumbalgoda Gamage Sriyani Ranasinghe, H., Shukri Abd Yajid, M., Khatibi, A., & Ferdous Azam, S. M. (2018). A Systematic Literature Analysis On Entrepreneurial Orientation And Business Performance. *Journal of Business, Economics and Finance-JBEF*, 7(3), 269–287. <https://doi.org/10.17261/Pressacademia.2018.955>
- Kuratko, D. F., Neubert, E., & Marvel, M. R. (2021). Insights on the mentorship and coachability of entrepreneurs. *Business Horizons*, 64(2), 199–209. <https://doi.org/https://doi.org/10.1016/j.bushor.2020.11.001>
- Kurniawan, B., Herdiana, B., & Alviana, S. (2022). Model Inkubator Bisnis Teknologi pada Program Pengembangan Kewirausahaan Mahasiswa UNIKOM Berbasis Metode Sector Specific Incubator. *IJCOSIN: Indonesian Journal of Community Service and Innovation*, 2(2), 73–83. <https://doi.org/10.20895/IJCOSIN.V2I2.599>
- Kusharsanto, Z. S., & Pradita, L. (2016). The Important Role of Science and Technology Park towards Indonesia as a Highly Competitive and Innovative Nation. *Procedia - Social and Behavioral Sciences*, 227, 545–552. <https://doi.org/https://doi.org/10.1016/j.sbspro.2016.06.113>
- Kusnendi. (2008). *Model-model Persamaan Structura*. Alfabeta.
- Kusuma, W. A., Jantan, A. H., Admodisastro, N., & Norowi, N. M. (2023). Reframed Design Thinking and Feasibility Analysis of UX Journey: Integrating User Experience and User Requirement for Solo Software Development. *Preprints* 2023. <https://doi.org/10.20944/preprints202301.0190.v1>
- Kuswardi, J., & Lim, S. (2023). E-Wom and Satisfaction Level's Effects on Massive Open Online Course Repurchase Intention by Generation-Z. *Interdisciplinary Social Studies*, 2(10), 2351–2459.

<https://doi.org/10.55324/iss.v2i10.466>

- Kyriazos, T. A. (2018). Applied Psychometrics: Sample Size and Sample Power Considerations in Factor Analysis (EFA, CFA) and SEM in General. *Psychology, 09*(08), 2207–2230. <https://doi.org/10.4236/PSYCH.2018.98126>
- Laaksonen, Ola, and Mirva Peltoniemi. “The Essence of Dynamic Capabilities and Their Measurement.” *International Journal of Management Reviews*, vol. 20, no. 2, John Wiley & Sons, Ltd, Apr. 2018, pp. 184–205, doi:10.1111/IJMR.12122.
- Landry, N. (2011). *Iterative and Agile Implementation Methodologies in Business Intelligence Software Development*. Nat Landry Books.
- Lee, Y. W., Moon, H.-C., & Yin, W. (2020). Innovation process in the business ecosystem: the four cooperations practices in the media platform. *Business Process Management Journal, 26*(4), 943–971. <https://doi.org/10.1108/BPMJ-11-2019-0473>
- Leeuw, R. de, Logger, D. N., Westerman, M., Bretschneider, J., Plomp, M. G. A., & Scheele, F. (2019). Influencing Factors in the Implementation of Postgraduate Medical E-Learning: A Thematic Analysis. *BMC Medical Education, 19*(1). <https://doi.org/10.1186/s12909-019-1720-x>
- Lehtonen, M. J., Ainamo, A., & Harviainen, J. (2020). The four faces of creative industries: visualising the game industry ecosystem in Helsinki and Tokyo. *Industry and Innovation, 27*(9), 1062–1087. <https://doi.org/10.1080/13662716.2019.1676704>
- Leiva, F., & Kuschel, K. (2020). HMSolution and the search for product-market fit. *Emerald Emerging Markets Case Studies, 10*(1), 1–20. <https://doi.org/10.1108/EEMCS-11-2019-0319>
- Leone, D., & Barni, A. (2020). Industry 4.0 on Demand: A Value Driven Methodology to Implement Industry 4.0 BT. In B. Lalic, V. Majstorovic, U. Marjanovic, G. von Cieminski, & D. Romero (Eds.), *Advances in Production Management Systems. The Path to Digital Transformation and Innovation of Production Management Systems*. (pp. 99–106). Springer International Publishing.
- Leong, J., May Yee, K., Baitsegi, O., Palanisamy, L., & Ramasamy, R. K. (2023). Hybrid Project Management between Traditional Software Development Lifecycle and Agile Based Product Development for Future Sustainability. In *Sustainability* (Vol. 15, Issue 2). <https://doi.org/10.3390/su15021121>
- Lermen, F. H., de Moura, P. K., Bertoni, V. B., Graciano, P., & Tortorella, G. L. (2023). Does maturity level influence the use of Agile UX methods by digital startups? Evaluating design thinking, lean startup, and lean user experience. *Information and Software Technology, 154*, 107107. <https://doi.org/https://doi.org/10.1016/j.infsof.2022.107107>
- Lewrick, M., Link, P., & Leifer, L. (2021). *The Design Thinking Playbook*. Elec Media Komputindo.
- Li, L., & Kang, K. (2021). Why Ethnic Minority Groups’ Online-Startups Are

- Booming in China's Tight Cultural Ecosystem? *Journal of Entrepreneurship in Emerging Economies*, 15(2), 278–300. <https://doi.org/10.1108/jeee-08-2021-0322>
- Li, W., Sun, Y., & Gao, Y. (2022). Relationship between green entrepreneurship orientation, integration of opportunity and resource capacities and sustainable competitive advantage. *Frontiers in Psychology*, 13(December), 1–14. <https://doi.org/10.3389/fpsyg.2022.1068734>
- Linde, L., Sjödin, D., Parida, V., & Wincent, J. (2021). Dynamic capabilities for ecosystem orchestration A capability-based framework for smart city innovation initiatives. *Technological Forecasting and Social Change*, 166, 120614. <https://doi.org/https://doi.org/10.1016/j.techfore.2021.120614>
- Lindström, C. W. J., Maleki Vishkaei, B., & De Giovanni, P. (2023). Subscription-based business models in the context of tech firms: theory and applications. *International Journal of Industrial Engineering and Operations Management*, ahead-of-p(ahead-of-print). <https://doi.org/10.1108/IJIEOM-06-2023-0054>
- Lipińska, A. (2018). Areas and Forms of Operation of Academic Business Incubators alongside Startup Organizations. *Przedsiębiorczość I Zarządzanie*, 9(3), 423–440.
- Locke, E. A., & Latham, G. P. (2013). *New Developments in Goal Setting and Task Performance*. Routledge.
- Love, P. E. D., & Holt, G. D. (2000). Construction business performance measurement: the SPM alternative. *Business Process Management Journal*, 6(5), 408–416. <https://doi.org/10.1108/14637150010352417>
- LPIK ITB. (2020). *Buku Panduan Program Hibah Startup*. LPIK ITB.
- Lyngs, U., Lukoff, K., Csuka, L., Slovák, P., Van Kleek, M., & Shadbolt, N. (2022). The Goldilocks level of support: Using user reviews, ratings, and installation numbers to investigate digital self-control tools. *International Journal of Human-Computer Studies*, 166, 102869. <https://doi.org/https://doi.org/10.1016/j.ijhcs.2022.102869>
- Malik, R. A., & Frimadani, M. R. (2022). UI/UX Analysis and Design Development of Less-on Digital Startup Prototype by Using Lean UX. *Jurnal Resti (Rekayasa Sistem Dan Teknologi Informasi)*, 6(6), 958–965. <https://doi.org/10.29207/resti.v6i6.4454>
- Mansouri, S., & Momtaz, P. P. (2022). Financing sustainable entrepreneurship: ESG measurement, valuation, and performance. *Journal of Business Venturing*, 37(6), 106258. <https://doi.org/https://doi.org/10.1016/j.jbusvent.2022.106258>
- Mapetere, D., Mavhiki, S., Nyamwanza, T., & Sikomwe, S. (2012). Strategic Role of Leadership in Strategy Implementation in Zimbabwe's State Owned Enterprises. *Strategic Role of Leadership in Strategy Implementation in Zimbabwe's State Owned Enterprises*, 3(16).
- Marion, T. J., Cannon, D. M., Reid, T., & McGowan, A.-M. R. (2021). A Conceptual Model for Integrating Design Thinking and Lean Startup Methods

- Into the Innovation Process. *Proceedings of the Design Society*, 1, 31–40. <https://doi.org/10.1017/pds.2021.4>
- Maritz, A., Arisian, S., Ardyan, E., & Ongkowijoyo, G. (2023). Let's Start Talking: University Accelerators and Their Strategic Intent Alignment with Entrepreneurship Education in Indonesia. *Jurnal Minds: Manajemen Ide Dan Inspirasi*, 10(1), 41–72. <https://doi.org/10.24252/minds.v10i1.32949>
- Markowska, M., Ahl, H., & Naldi, L. (2022). Timeout: The Role of Family-Friendly Policies in Business Start-Up Among Mothers. *Entrepreneurship Theory and Practice*, 47(4), 1169–1199. <https://doi.org/10.1177/10422587221126493>
- Marlyana, N., Helmi, A. F., Tontowi, A. E., & Yuniarto, H. A. (2015). Studi Meta-Analisis Hubungan Antara Penerapan Total Quality Management (Tqm) Dan Kinerja Organisasi. *Spektrum Industri*, 13(1), 17. <https://doi.org/10.12928/si.v13i1.1835>
- Marmer, M., & Dogrultan, E. (2012). *Startup Genome Report: A new framework for understanding why startups succeed*.
- Marsh, H. ., & Hau, K. . (1999). Confirmatory Factor Analysis: Strategies for Small Sample Sizes. *Statistical Strategies for Small Sample Research*, 1, 251–284.
- Mary George, N., Parida, V., Lahti, T., & Wincent, J. (2016). A systematic literature review of entrepreneurial opportunity recognition: insights on influencing factors. *International Entrepreneurship and Management Journal*, 12(2), 309–350. <https://doi.org/10.1007/s11365-014-0347-y>
- Maulana, K. T., & Paputungan, I. V. (2022). Pengembangan Model Ide Bisnis Startup JavaHands menggunakan metode Lean Startup. *AUTOMATA*, 3(1). <https://journal.uji.ac.id/AUTOMATA/article/view/21894>
- Maurya, A. (2012). *Running Lean:Iterate from Plan A to a Plan That Works*. O'Reilly Media.
- May, M. E., & Dominguez, P. (2023). *What a Unicorn Knows: How Leading Entrepreneurs Use Lean Principles to Drive*. BenBella.
- McCauley, C. D., & Palus, C. J. (2021). Developing the theory and practice of leadership development: A relational view. *The Leadership Quarterly*, 32(5), 101456. <https://doi.org/10.1016/j.lequa.2020.101456>
- Mehrez, A. A. Al, Alshurideh, M., Kurdi, B. Al, & Salloum, S. A. (2021). Internal Factors Affect Knowledge Management and Firm Performance: A Systematic Review. *Advances in Intelligent Systems and Computing*, 1261 AISC, 632–643. [https://doi.org/10.1007/978-3-030-58669-0_57/COVER](https://doi.org/10.1007/978-3-030-58669-0_57)
- Menne, F., Surya, B., Yusuf, M., Suriani, S., Ruslan, M., & Iskandar, I. (2022). Optimizing the Financial Performance of SMEs Based on Sharia Economy: Perspective of Economic Business Sustainability and Open Innovation. *Journal of Open Innovation: Technology, Market, and Complexity*, 8(1), 18. <https://doi.org/10.3390/joitmc8010018>
- Meso, P., & Smith, R. (2000). A resource-based view of organizational knowledge management systems. *Journal of Knowledge Management*, 4(3), 224–234.

<https://doi.org/10.1108/13673270010350020>

- Meyer, B. (2016). Researching Efficiency in Local Governments. *Government Finance Review*, 32(1), 496–509.
- Micheli, P., & Muctor, G. (2021). The roles of performance measurement and management in the development and implementation of business ecosystem strategies. *International Journal of Operations & Production Management*, 41(11), 1761–1784. <https://doi.org/10.1108/IJOPM-05-2021-0317>
- MIKTI. (2021). *MIKTI Mapping & Database Startup Indonesia 2021*.
- Miloud, T., Aspelund, A., & Cabrol, M. (2012). Startup valuation by venture capitalists: an empirical study. *Venture Capital*, 14(2–3), 151–174. <https://doi.org/10.1080/13691066.2012.667907>
- Miraza, C. N., & Shauki, E. R. (2023). The Effect of Venture Capital on the Growth of Startups in Indonesia: A Case Study on BRI Ventures. *Journal of Economics, Business, & Accountancy Ventura*, 25(3), 358 – 368. <https://api.semanticscholar.org/CorpusID:257972805>
- Mišanková, M., & Kočišová, K. (2014). Strategic Implementation as a Part of Strategic Management. *Procedia - Social and Behavioral Sciences*, 110, 861–870. <https://doi.org/https://doi.org/10.1016/j.sbspro.2013.12.931>
- Moeini Gharagozloo, M. M., Chen, C., Nair, A., & Moeini Gharagozloo, A. (2022). A digitalized global economy: Studying the effect of digital readiness of countries on international merger and acquisition flows. *Journal of Global Information Technology Management*, 25(2), 159–187. <https://doi.org/10.1080/1097198X.2022.2062994>
- Moore, B. (2017). A recent history of Indonesian e-commerce industry: an insider's account. In E. Jurriens & R. Tapsell (Eds.), *Digital Indonesia: Connectivity and Divergence* (pp. 256–270). ISEAS - Yusof Ishak Institute.
- Moore, J. F. (1993). Predators and Prey: A New Ecology of Competition. *Harvard Business Review*, 71, 75–86.
- Mor, R. S., Singh, S., & Bhardwaj, A. (2015). Learning on Lean Production: A Review of Opinion and Research Within Environmental Constraints. *Operations and Supply Chain Management an International Journal*, 61(72). <https://doi.org/10.31387/oscsm0230161>
- Morgan, T., Anokhin, S. A., Song, C., & Chistyakova, N. (2019). The role of customer participation in building new product development speed capabilities in turbulent environments. *International Entrepreneurship and Management Journal*, 15(1), 119–133. <https://doi.org/10.1007/s11365-018-0549-9>
- Moro-Visconti, R. (2022). Startup and Scaleup Valuation. In R. Moro-Visconti (Ed.), *Augmented Corporate Valuation: From Digital Networking to ESG Compliance* (pp. 315–351). Springer International Publishing. https://doi.org/10.1007/978-3-030-97117-5_9
- Motoyama, Y., & Knowlton, K. K. (2017). Examining the Connections Within the Startup Ecosystem: A Case Study of St. Louis. *Entrepreneurship Research Journal*, 7(1). <https://doi.org/10.1515/erj-2016-0011>

- Moyano-Fuentes, J., & Sacristan-Diaz, M. (2012). Learning on Lean: a review of thinking and research. *International Journal of Operations & Production Management*, 32(5), 551–582.
- Moyeenudin, H. M., Anandan, R., Parvez, S. J., & Bindu, G. (2020). A Research on Cloud Kitchen Prerequisites and Branding Strategies. *International Journal of Innovative Technology and Exploring Engineering*, 9(3), 983–987. <https://doi.org/10.35940/ijitee.c8188.019320>
- Mozaffari, F., Rahimi, M., Yazdani, H., & Sohrabi, B. (2022). Employee attrition prediction in a pharmaceutical company using both machine learning approach and qualitative data. *Benchmarking: An International Journal*, ahead-of-p(ahead-of-print). <https://doi.org/10.1108/BIJ-11-2021-0664>
- Muhtasim, D. A., Tan, S. Y., Hassan, M. A., Pavel, M. I., & Susmit, S. (2022). Customer Satisfaction with Digital Wallet Services: An Analysis of Security Factors. *International Journal of Advanced Computer Science and Applications*, 13(1), 195–206. <https://doi.org/10.14569/IJACSA.2022.0130124>
- Mukherjee, M., Chatterjee, R., Khanna, B. K., Dhillon, P. P. S., Kumar, A., Bajwa, S., Prakash, A., & Shaw, R. (2020). Ecosystem-centric business continuity planning (eco-centric BCP): A post COVID19 new normal. *Progress in Disaster Science*, 7, 100117. <https://doi.org/https://doi.org/10.1016/j.pdisas.2020.100117>
- Muneeb, D., Ahmad, S. Z., Abu Bakar, A. R., & Tehseen, S. (2023). Empowering resources recombination through dynamic capabilities of an enterprise. *Journal of Enterprise Information Management*, 36(1), 1–21. <https://doi.org/10.1108/JEIM-01-2021-0004>
- Mursalim, S. W., Karlina, N., Muhtar, E. A., & Utami, S. B. (2023). Institutional Model of Science Techno Park Local Governments in Indonesia BT -. *Proceedings of the Fourth International Conference on Administrative Science (ICAS 2022)*, 253–270. https://doi.org/10.2991/978-2-38476-104-3_26
- Mustak, M., Jaakkola, E., Halinen, A., & Kaartemo, V. (2016). Customer participation management: Developing a comprehensive framework and a research agenda. *Journal of Service Management*, 27(3), 250–275. <https://doi.org/10.1108/JOSM-01-2015-0014>
- Muthuveloo, R., Keat, O. C., & Teoh, A. P. (2022). Organizational Performance From Happiness Perspectives: Futuristic Measurement. *Journal of Entrepreneurship, Business and Economics*, 10(1), 265–276. <https://scientificia.com/index.php/JEBE/article/view/168>
- Nabila, M. (2023a). Hipotesis GoWork Terkait Bisnis Coworking Space Pasca-Pandemi. <Https://Dailysocial.Id/>. <https://dailysocial.id/post/hipotesis-gowork-terkait-bisnis-coworking-space-pasca-pandemi>
- Nabila, M. (2023b). *Roposo Hadir di Indonesia, Usung Ekosistem Live Streaming Ramah untuk Industri Konten*. <Https://Dailysocial.Id/>. <https://dailysocial.id/post/roposo-indonesia-live-streaming>

- Nabila, M. (2023c). Startup Coworking Space “CoHive” Resmi Kolaps. <Https://Dailysocial.Id/>. <https://dailysocial.id/post/startup-coworking-space-cohive-resmi-kolaps>
- Najam, H., Abbas, J., Álvarez-Otero, S., Dogan, E., & Sial, M. S. (2022). Towards green recovery: Can banks achieve financial sustainability through income diversification in ASEAN countries? *Economic Analysis and Policy*, 76, 522–533. <https://doi.org/https://doi.org/10.1016/j.eap.2022.09.004>
- Nanda, R., & Rhodes-Kropf, M. (2013). Investment cycles and startup innovation. *Journal of Financial Economics*, 110(2), 403–418. <https://doi.org/https://doi.org/10.1016/j.jfineco.2013.07.001>
- Naratama, A. A., & Windasari, N. A. (2019). Proposed Method for Problem-Solution Fit Phase at Start-up Incubator. *European Journal of Business and Management Research*, 4(2). <https://doi.org/10.24018/EJBM.R.2019.4.2.37>
- Narayananmurthy, G., & Gurumurthy, A. (2016). Leanness assessment: a literature review. *International Journal of Operations & Production Management*, 36(10), 1115–1160. <https://doi.org/10.1108/IJOPM-01-2015-0003>
- Nayal, P., Pandey, N., & Paul, J. (2022). Covid-19 pandemic and consumer-employee-organization wellbeing: A dynamic capability theory approach. *Journal of Consumer Affairs*, 56(1), 359–390. <https://doi.org/10.1111/JOCA.12399>
- Neely, A. D. (2002). *Business performance measurement : theory and practice*. Cambridge University Press.
- Nelson, J. A., Mahan, T., McComb, C., & Menold, J. (2019). The Prototyping Behaviors of Startups: Exploring the Relationship Between Prototyping Behaviors and Startup Strategies. *Journal of Mechanical Design*, 142(3). <https://doi.org/10.1115/1.4045526>
- Nelson, J. L. (2020). *The Elusive Engagement Metric* (1st ed.). Routledge.
- Nijstad, B. A. (2015). Creativity in Groups. In *APA handbook of personality and social psychology* (pp. 35–65). American Psychological Association. <https://doi.org/10.1037/14342-002>
- Nimalathasan, B. (2008). A Relationship between Owner-Manager’s Characteristic and Business Performance. *Lex ET Scientia International Journal*, 15. <https://heinonline.org/HOL/Page?handle=hein.journals/lexetsc15&id=61&div=&collection=>
- Nirwan, M. D., & Dhewanto, W. (2015). Barriers in Implementing the Lean Startup Methodology in Indonesia – Case Study of B2B Startup. *Procedia - Social and Behavioral Sciences*, 169, 23–30. <https://doi.org/https://doi.org/10.1016/j.sbspro.2015.01.282>
- Nonaka, I., & Peltokorpi, V. (2006). Objectivity and subjectivity in knowledge management: a review of 20 top articles. *Knowledge and Process Management*, 13(2), 73–82. <https://doi.org/https://doi.org/10.1002/kpm.251>
- Nour, M., Ávila, J. P. C., & Sánchez-Miralles, Á. (2022). Review of Blockchain Potential Applications in the Electricity Sector and Challenges for Large Scale

- Adoption. *Ieee Access*, 10, 47384–47418. <https://doi.org/10.1109/access.2022.3171227>
- Nurdifa, A. F. (2023). *Sejarah Coworking Space di Indonesia, Pertama Kali Hadir di Daerah Ini*. <Https://Ekonomi.Bisnis.Com/>. <https://ekonomi.bisnis.com/read/20230203/47/1624537/sejarah-coworking-space-di-indonesia-pertama-kali-hadir-di-daerah-ini>
- Nurhasanah, D. T., Mohammad, W., & Maulidiyah, N. R. (2022). Strategic Management in Startups: Empirical Development Experience From BOOKINGJASA.COM. *Open Science Framework*, 1–21. <https://doi.org/10.31219/osf.io/2vt3a>
- Ojaghi, H., Mohammadi, M., & Yazdani, H. R. (2019). A synthesized framework for the formation of startups' innovation ecosystem. *Journal of Science and Technology Policy Management*, 10(5), 1063–1097. <https://doi.org/10.1108/JSTPM-07-2018-0071>
- Olsen, D. (2015). *The lean product playbook : how to innovate with minimum viable products and rapid customer feedback*. John Wiley & Sons, Inc.
- Omosa, H. M., Muya, J., Omari, S., & Momanyi, C. (2022). Role of product diversification strategy on performance of selected tea factories in Kenya. *International Academic Journal of Innovation, Leadership and Entrepreneurship*, 2(2), 279–296. https://iajournals.org/articles/iajile_v2_i2_279_296.pdf
- Open Data Jabar. (2022). *Gelombang PHK Startup Mengancam Dunia, Bagaimana dengan Indonesia?* Opendata.Jabarprov.Go.Id. <https://opendata.jabarprov.go.id/id/infografik/gelombang-phk-startup-mengancam-dunia,-bagaimana-dengan-indonesia>
- Osborn, A. (1953). *Applied Imagination: Principles and Procedures of Creative Problem Solving*. Charles Scribner's Sons.
- Osnabrugge, M. Van, & Robinson, R. J. (2000). *Angel Investing: Matching Startup Funds with Startup Companies--The Guide ...* John Wiley & Sons, Inc.
- Ostermann, C. M., Nascimento, L. da S., & Zen, A. C. (2021). Business Model Innovation for Circular Economy in Fashion Industry: A Startups' Perspective. *Frontiers in Sustainability*, 2. <https://doi.org/10.3389/frsus.2021.766614>
- Osterwalder, A., & Pigneur, Y. (2012). Designing Business Models and Similar Strategic Objects: The Contribution of IS. *Journal of the Association for Information Systems*, 14(5), 3. <https://doi.org/10.17705/1jais.00333>
- Oyemomi, O., Liu, S., Neaga, I., Chen, H., & Nakpodia, F. (2019). How cultural impact on knowledge sharing contributes to organizational performance: Using the fsQCA approach. *Journal of Business Research*, 94, 313–319. <https://doi.org/10.1016/j.jbusres.2018.02.027>
- Pamidimukkala, A., & Kermansachi, S. (2021). Impact of Covid-19 on field and office workforce in construction industry. *Project Leadership and Society*, 2, 100018. <https://doi.org/https://doi.org/10.1016/j.plas.2021.100018>
- Parker, F., & Perks, M. E. (2021). Streaming Ambivalence: Livestreaming and

- Indie Game Development. *Convergence the International Journal of Research Into New Media Technologies*, 27(6), 1735–1752.
<https://doi.org/10.1177/13548565211027809>
- Parnes, S. . (1967). *Creative behavior guidebook*. Scribners.
- Pattison, H. ., & Low, D. . (2011). *E-Novation for Competitive Advantage in Collaborative Globalization* (H. M. Pattinson & D. R. Low (eds.)). IGI Global.
<https://doi.org/10.4018/978-1-60566-394-4>
- Paul, R., & Rashmi, M. (2022). Student Satisfaction and Churn Predicting using Machine Learning Algorithms for EdTech course. *2022 10th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO)*, 1–6.
<https://doi.org/10.1109/ICRITO56286.2022.9965116>
- Pauley, M. (2021). *Business Startup and Entrepreneurship: Canada Workbook*.
<https://doi.org/10.32393/startupcanwork>
- Paulus, P. B., Baruah, J., & Kenworthy, J. (2023). Chapter 24 - Brainstorming: How to get the best ideas out of the “group brain” for organizational creativity. In R. Reiter-Palmon & S. B. T.-H. of O. C. (Second E. Hunter (Eds.), *Organizational Creativity* (pp. 373–389). Academic Press.
<https://doi.org/https://doi.org/10.1016/B978-0-323-91840-4.00019-0>
- Payne, A., Frow, P., Steinhoff, L., & Eggert, A. (2020). Toward a comprehensive framework of value proposition development: From strategy to implementation. *Industrial Marketing Management*, 87(February), 244–255.
<https://doi.org/10.1016/j.indmarman.2020.02.015>
- Pearce, J. A., & Robinson, R. B. (Richard B. (2005). *Strategic management : formulation, implementation, and control*. McGraw-Hill.
- Perdomo-Charry, G., Clegg, S., & Schweitzer, J. (2022). How a network-based start-up ecosystem supports new venture performance: Management perspectives and future research. *International Journal of Entrepreneurship*, 26, 1–22.
- Persada, S. F., Miraja, B. A., Nadlifatin, R., Belgiawan, P. F., Perwira Redi, A. A. N., & Lin, S.-C. (2022). Determinants of Students’ Intention to Continue Using Online Private Tutoring: An Expectation-Confirmation Model (ECM) Approach. *Technology, Knowledge and Learning*, 27(4), 1081–1094.
<https://doi.org/10.1007/s10758-021-09548-9>
- Petch, N. (2016). *The Five Stages Of Your Business Lifecycle: Which Phase Are You In?* <Https://Www.Entrepreneur.Com/>.
<https://www.entrepreneur.com/article/271290>
- Phạm, Q. T., & Kim, D. P. (2021). The Success of E-Commerce Startups: An Empirical Study in Vietnam. *International Journal of Innovation*, 9(3), 622–645. <https://doi.org/10.5585/iji.v9i3.20233>
- Pidun, U., Reeves, M., & Schüssler, M. (2019). Do You Need A Business Ecosystem? *BCG Henderson Institute*.
- Pocek, J. (2022). Tendencies towards integration and disintegration of the

- entrepreneurial ecosystem: an institution-based view of the dynamics. *European Planning Studies*, 1–20. <https://doi.org/10.1080/09654313.2022.2043831>
- Popadiuk, S., Luz, A. R. S., & Kretschmer, C. (2018). Dynamic Capabilities and Ambidexterity: How Are These Concepts Related? *Revista De Administração Contemporânea*, 22(5), 639–660. <https://doi.org/10.1590/1982-7849rac2018180135>
- Porritt, K., McArthur, A., Lockwood, C., & Munn, Z. (2023). JBI's approach to evidence implementation: a 7-phase process model to support and guide getting evidence into practice. *JBI Evidence Implementation*, 21(1). https://journals.lww.com/ijebh/fulltext/2023/03000/jbi_s_approach_to_evidence_implementation_a.2.aspx
- Porter, M. (1980). *Competitive Strategy. Techniques for Analyzing Industries and Competitors*. Free Press.
- Porter, M. E. (1998). *Competitive Advantage: Creating and Sustaining Superior*. Free Press.
- Porter, M. E., & Kramer, M. R. (2011). How to reinvent capitalism—and unleash a wave of innovation and growth. *Harvard Business Review, Jan-Feb*, 1–17.
- Powell, D. (2013). ERP systems in Lean production: new insights from a review of Lean and ERP literature. *International Journal of Operations & Production Management*, 33(11), 1490–1510.
- Pradipta, I. A., Retnaningsih, & Angraini, R. I. (2021). Journee: Digital Tourism Platform for Hidden Gems Destination. *Proceedings of the Business Innovation and Engineering Conference 2020 (BIEC 2020)*, 125–131. <https://doi.org/10.2991/aebmr.k.210727.023>
- Prihatini, A. (2022). *10 Startup Binaan Telkom Bertemu Investor di Indigo Demo Day 2022*. <Https://Bisnis.Solopos.Com/>. <https://bisnis.solopos.com/10-startup-binaan-telkom-bertemu-investor-di-indigo-demo-day-2022-1388652>
- Puyat, J. H., Ahmad, H., Avina-Galindo, A. M., Kazanjian, A., Gupta, A., Ellis, U., Ashe, M. C., Vila-Rodriguez, F., Halli, P., Salmon, A., Vigo, D., Almeida, A., & de Bono, C. E. (2020). A rapid review of home-based activities that can promote mental wellness during the COVID-19 pandemic. *PLOS ONE*, 15(12), e0243125. <https://doi.org/10.1371/JOURNAL.PONE.0243125>
- Rahmanita, A. T. (2022). *Analisis Penerapan Lean Startup pada Projek Save the Animal Smarteye Virtual Convention Center (Svcc) di Pt.Telkom Indonesia*. <https://repositori.usu.ac.id/handle/123456789/49581>
- Ramos, P. H. B., & Pedroso, M. C. (2022). Main Elements Involved in the Startup Scalability Process: A Study on Brazilian Agtechs. *Revista De Gestão*, 29(3), 220–237. <https://doi.org/10.1108/rege-04-2021-0070>
- Ramyar, R., Ackerman, A., & Johnston, D. M. (2021). Adapting cities for climate change through urban green infrastructure planning. *Cities*, 117, 103316. <https://doi.org/https://doi.org/10.1016/j.cities.2021.103316>
- Randall, W. S., Gravier, M., & Prybutok, V. R. (2011). Connection, Trust, and

- Commitment: Dimensions of Co-creation? *Journal of Strategic Marketing*, 19(1), 1–38. https://digitalcommons.bryant.edu/mark_jou/27
- Ravenel, J. P. (2006). Effective Operational Security Metrics. *EDPACS*, 33(12), 10–19.
<https://doi.org/10.1201/1079.07366981/46050.33.12.20060601/93399.2>
- Rêgo, B. S., Jayantilal, S., Ferreira, J. J., & Carayannis, E. G. (2021). Digital Transformation and Strategic Management: a Systematic Review of the Literature. *Journal of the Knowledge Economy*. <https://doi.org/10.1007/s13132-021-00853-3>
- Reis, L. P., Fernandes, J. M., Barreto, E. J., Lima, M. V. V., & Armellini, F. (2021). Impact Assessment of Lean Product Development and Lean Startup Methodology on Information Technology Startups' Performance. *International Journal of Innovation and Technology Management*, 18(6). <https://doi.org/10.1142/S0219877021500346>
- Rialti, R., Marzi, G., Ciappei, C., & Busso, D. (2019). Big data and dynamic capabilities: a bibliometric analysis and systematic literature review. *Management Decision*, 57(8), 2052–2068. <https://doi.org/10.1108/MD-07-2018-0821>
- Ries, E. (2011). *The lean startup: How today's entrepreneurs use continuous innovation to create radically successful businesses*. (6th ed.). The lean startup: How today's entrepreneurs use continuous innovation to create radically successful businesses.
- Rihar, L., Žužek, T., & Kušar, J. (2020). How to successfully introduce concurrent engineering into new product development? *Concurrent Engineering*, 29(2), 87–101. <https://doi.org/10.1177/1063293X20967929>
- Rintamäki, T., Kuusela, H., & Mitronen, L. (2007). Identifying competitive customer value propositions in retailing. *Managing Service Quality*, 17(6), 621–634. <https://doi.org/10.1108/09604520710834975>
- Rintamäki, T., & Saarijärvi, H. (2021). An integrative framework for managing customer value propositions. *Journal of Business Research*, 134, 754–764. <https://doi.org/https://doi.org/10.1016/j.jbusres.2021.05.030>
- Rizvanović, B., Zutshi, A., Grilo, A., & Nodehi, T. (2023). Linking the potentials of extended digital marketing impact and start-up growth: Developing a macro-dynamic framework of start-up growth drivers supported by digital marketing. *Technological Forecasting and Social Change*, 186, 122128. <https://doi.org/https://doi.org/10.1016/j.techfore.2022.122128>
- Rogers, E. . (1995). *Diffusion of innovations*. Fourth edition (4th ed.). Free Press.
- Rohmani, A., Gamayanto, I., & Sukamto, T. S. (2019). Developing The 7 Stages of Startup (The Maturity Level of Startup): The Concepts of Startup Development Methodology. *International Journal of Information System & Technology*, 5(1), 45–59.
- Romanyuk, O. (2020). *Minimum Viable Product – How to Build an MVP for Your Project and Why You Should*. <Https://Www.Freecodecamp.Org/>.

- <https://www.freecodecamp.org/news/minimum-viable-product-between-an-idea-and-the-product/>
- Roundy, P. T., & Fayard, D. (2018). Dynamic Capabilities and Entrepreneurial Ecosystems: The Micro-Foundations of Regional Entrepreneurship. *The Journal of Entrepreneurship*, 28(1), 94–120. <https://doi.org/10.1177/0971355718810296>
- Rudic, B., Hubner, S., & Baum, M. (2021). Hustlers, hipsters and hackers: Potential employees' stereotypes of entrepreneurial leaders. *Journal of Business Venturing Insights*, 15, e00220. <https://doi.org/https://doi.org/10.1016/j.jbvi.2020.e00220>
- Rudolph, E. C., & Barnard, A. (2023). The Cinderella of positive psychology: spiritual well-being as an emerging dimension of flourishing in pastoral work. *International Journal of Qualitative Studies on Health and Well-Being*, 18(1), 2170767. <https://doi.org/10.1080/17482631.2023.2170767>
- Rukita. (2022). 7 Sosok CEO Wanita Pendiri Startup Indonesia yang Sukses. Rukita.Co. <https://www.rukita.co/stories/perempuan-pemimpin-startup-indonesia>
- Safitri, H., Chakim, M. H. R., & Adiwijaya, A. (2023). Strategy Based Technology-Based Startups to Drive Digital Business Growth. *Startupreneur Business Digital (Sabda Journal)*, 2(2), 207–220. <https://doi.org/10.33050/sabda.v2i2.344>
- Saidi, S. (2010). Analisis Kinerja dengan Metode Economic Value Added (Studi Kasus PT. Astra International Tbk). *Riset Manajemen Dan Akuntansi STIE Atma Bhakti*, 1(2).
- Sampaio, P., Carvalho, A. M., Domingues, P., & Saraiva, P. (2022). Guest editorial: Quality in the digital transformation era. *International Journal of Quality & Reliability Management*, 39(6), 1309–1311. <https://doi.org/10.1108/IJQRM-06-2022-415>
- Samuel, D., Found, P., & Williams, S. J. (2015). How did the publication of the book change management thinking? Exploring 25 years of lean literature. *International Journal of Operations & Production Management*, 35(10), 1386–1407. <https://doi.org/10.1108/IJOPM-12-2013-0555>
- Sangwa, N. R., & Sangwan, K. S. (2018). Leanness assessment of organizational performance: a systematic literature review. *Journal of Manufacturing Technology Management*, 29(5), 768–788. <https://doi.org/10.1108/JMTM-09-2017-0196>
- Santa-Maria, T., Vermeulen, W. J. V., & Baumgartner, R. J. (2022). How do incumbent firms innovate their business models for the circular economy? Identifying micro-foundations of dynamic capabilities. *Business Strategy and the Environment*, 31(4), 1308–1333. <https://doi.org/10.1002/BSE.2956>
- Santika, E. F. (2024). 10 Perusahaan Tekno dan Startup dengan PHK Massal Terbesar 2024. Databoks.Katadata.Co.Id. <https://databoks.katadata.co.id/datapublish/2024/06/13/10-perusahaan-tekno->

dan-startup-dengan-phk-massal-terbesar-2024

- Santoso, S. (2011). *Structural Equation Modeling (Konsep dan Aplikasi dengan AMOS 18)*. PT Elex Media Komputindo.
- Saputra, Y. E., Worsito, S. B., Firdaus, D. S., & Listyandini, R. A. (2022). Bridging a resilient pos-pandemicrecovery through digital health transformation. In *Indonesia Post-Pandemic Outlook: Rethinking Health and Economics Post-COVID-19*. BRIN Publishing. <https://doi.org/10.55881/brin537>
- Sarjono, H., & Julianita, W. (2015). *Structural Equation Modeling (SEM). Sebuah Pengantar, Aplikasi untuk Penelitian Bisnis*. Salemba Empat.
- Sarkar, M. B., Echambadi, R. A. J., & Harrison, J. S. (2001). Alliance entrepreneurship and firm market performance. *Strategic Management Journal*, 22(6–7), 701–711. <https://doi.org/10.1002/smj.179>
- Savira, Y. P., Paputungan, I. V., & Suranto, B. (2020). Analisis User Experience dengan Konsep Product Market Fit pada rancangan Aplikasi Placeplus yang menggunakan Pendekatan User Centered Design. *AUTOMATA*, 1(2). <https://journal.uii.ac.id/AUTOMATA/article/view/15418>
- Sayekti, I. M. S. (2023). *Agate & Sekuya Bermitra Strategis, Merevolusi Industri Game lewat Adopsi Metaverse*. Kontan.Co.Id. <https://pressrelease.kontan.co.id/news/agate-sekuya-bermitra-strategis-merevolusi-industri-game-lewat-adopsi-metaverse>
- Schermerhorn, J. R. (1999). Learning by Going?: The Management Educator as Expatriate. *Journal of Management Inquiry*, 8(3), 246–256. <https://doi.org/10.1177/105649269983002>
- Schilling, M. A. (2017). Technology Success and Failure in Winner-Take-All Markets: The Impact of Learning Orientation, Timing, and Network Externalities. *Academy of Management Journal*, 45(2), 387–398. <https://doi.org/10.5465/3069353>
- Schmitt, L. (2021). Validating the Product-Market-Fit of a B2B Platform Venture with a Minimum Viable Product: The Coating Radar Case Study. *Journal of Business Chemistry*, 18(2), 49–62.
- Schuh, G., Dölle, C., & Schloesser, S. (2018). Agile Prototyping for technical systems Towards an adaption of the Minimum Viable Product principle. *DS 91: Proceedings of NordDesign 2018*.
- Schuldt, K. S., & Gomes, G. (2020). Influence of Organizational Culture on the Environments of Innovation and Organizational Performance. *Gestão & Produção*, 27(3). <https://doi.org/10.1590/0104-530x4571-20>
- Schumacker, R. ., & Lomax, R. . (2016). *Beginner's Guide to Structural Equation Modeling* (4th ed.). Routledge.
- Scuotto, V., Beatrice, O., Valentina, C., Nicotra, M., Di Gioia, L., & Farina Briamonte, M. (2020). Uncovering the micro-foundations of knowledge sharing in open innovation partnerships: An intention-based perspective of technology transfer. *Technological Forecasting and Social Change*, 152, 119906. <https://doi.org/https://doi.org/10.1016/j.techfore.2019.119906>

- Secundo, G., Riad Shams, S. M., & Nucci, F. (2021). Digital technologies and collective intelligence for healthcare ecosystem: Optimizing Internet of Things adoption for pandemic management. *Journal of Business Research*, 131, 563–572. [https://doi.org/https://doi.org/10.1016/j.jbusres.2021.01.034](https://doi.org/10.1016/j.jbusres.2021.01.034)
- Seitz, N., Lehmann, E. E., & Haslanger, P. (2023). Corporate accelerators: design and startup performance. *Small Business Economics*. <https://doi.org/10.1007/s11187-023-00817-8>
- Sekaran, U., & Bougie, R. (2016). *Research Methods for Business*.
- Sekaran, U., & Bougie, R. (2020). *Research Methods For Business : A Skill Building Approach* (8th ed.). Wiley.
- Senapathi, M., & Drury-Grogan, M. L. (2021). Systems Thinking Approach to Implementing Kanban: A case study. *Journal of Software: Evolution and Process*, 33(4), e2322. <https://doi.org/10.1002/SMR.2322>
- Seo, Y. W., & Lee, Y. H. (2019). Effects of internal and external factors on business performance of start-ups in South Korea: The engine of new market dynamics. *International Journal of Engineering Business Management*, 11, 1847979018824231. <https://doi.org/10.1177/1847979018824231>
- Septiani, L. (2023). *KoinWorks Gaet Unicorn eFishery, Nelayan Bisa Pinjam Rp 200 Juta*. Katadata.Co.Id. <https://katadata.co.id/digital/fintech/654081540cbe4/koinworks-gaet-unicorn-efishery-nelayan-bisa-pinjam-rp-200-juta>
- Septiani, L. (2024). *East Ventures Suntik Startup Kuliner Runchise Rp 16 Miliar*. Katadata.Co.Id. <https://katadata.co.id/digital/startup/663aebee142cf/east-ventures-suntik-startup-kuliner-runchise-rp-16-miliar>
- Seres-Huszárik, E., Józsa, L., & Tóth, Z. (2017). Factors Determining the Development of Business Relationships in the Advertising Market. *Acta Polytechnica Hungarica*, 14(8), 65–82. <https://doi.org/10.12700/aph.14.8.2017.8.4>
- Sethi, K., Biswas, B., & Balodi, K. C. (2021). Mobilizing B2B Electronic Marketplace: An Exploratory Study of Critical Success Factors among Indian Start-ups. *Global Business Review*, 09721509211005675. <https://doi.org/10.1177/09721509211005675>
- Setiawan, R., & Yuana, P. (2022). Implementasi Lean Startup Pada Strategi Pengembangan Produk Startup Digital Berbasis Website Bidang Education Technology. *Jurnal Kewirausahaan Dan Inovasi*, 1(1). <https://jki.ub.ac.id/index.php/jki/article/view/18>
- Setyowati, D. (2023). *Daftar CEO Startup Perempuan, Termasuk Gojek dan Tokopedia*. Katadata.Co.Id. <https://katadata.co.id/digital/startup/63f84576945d1/daftar-ceo-startup-perempuan-termasuk-gojek-dan-tokopedia?page=2>
- Shafiee, S., Wautelet, Y., Hvam, L., Sandrin, E., & Forza, C. (2020). Scrum versus Rational Unified Process in facing the main challenges of product configuration systems development. *Journal of Systems and Software*, 170,

110732. <https://doi.org/https://doi.org/10.1016/j.jss.2020.110732>
- Shamburg, C. (2020). Cases of Successful Independent Educationally Oriented Podcasters. *E-Learning and Digital Media*, 17(6), 505–520. <https://doi.org/10.1177/2042753020946281>
- Shaulska, L., Laktionova, O., Nagornyak, T., & Sereda, H. (2021). Performance Management at Ukrainian University: A Case of the KPIs Use. *Problems and Perspectives in Management*, 19(1), 78–89. [https://doi.org/10.21511/ppm.19\(1\).2021.07](https://doi.org/10.21511/ppm.19(1).2021.07)
- Shepherd, D. A., & Gruber, M. (2020). The Lean Startup Framework: Closing the Academic–Practitioner Divide. *Entrepreneurship Theory and Practice*, 45(5), 967–998. <https://doi.org/10.1177/1042258719899415>
- Shet, S. V, Patil, S. V, & Chandawarkar, M. R. (2019). Competency based superior performance and organizational effectiveness. *International Journal of Productivity and Performance Management*, 68(4), 753–773. <https://doi.org/10.1108/IJPPM-03-2018-0128>
- Shrestha, D., Wenan, T., Gaudel, B., Rajkarnikar, N., & Jeong, S. R. (2021). Digital Tourism Business Ecosystem: Artifacts, Taxonomy and Implementation Aspects. *SSRN Electronic Journal*. <https://doi.org/10.2139/SSRN.3921119>
- Siek, M., & Sutanto, A. (2019). Impact Analysis of Fintech on Banking Industry. *2019 International Conference on Information Management and Technology (ICIMTech)*, 1, 356–361. <https://doi.org/10.1109/ICIMTech.2019.8843778>
- Sierzchula, W., Bakker, S., Maat, K., & van Wee, B. (2012). The competitive environment of electric vehicles: An analysis of prototype and production models. *Environmental Innovation and Societal Transitions*, 2, 49–65. <https://doi.org/https://doi.org/10.1016/j.eist.2012.01.004>
- Siew, Y. T. (2023). Backing Startups and Believing in Unicorns: Policy Implications and Challenges for Malaysia. *ISEAS Perspective*, 56(2023), 1–12.
- Sim, C. L., Chuah, F., Sin, K. Y., & Lim, Y. J. (2022). The moderating role of Lean Six Sigma practices on quality management practices and quality performance in medical device manufacturing industry. *The TQM Journal*, ahead-of-p(ahead-of-print). <https://doi.org/10.1108/TQM-11-2021-0342>
- Simbelmawa. (2024). *Penerimaan Proposal PKM 2024 – Diktiristik*. <Https://Lldikti6.Kemdikbud.Go.Id/>. <https://simbelmawa.kemdikbud.go.id/portal/penerimaan-proposal-pkm-2024/>
- Singh, S., Chauhan, A. S., & Dhir, S. (2019). Analyzing the Startup Ecosystem of India: A Twitter Analytics Perspective. *Journal of Advances in Management Research*, 17(2), 262–281. <https://doi.org/10.1108/jamr-08-2019-0164>
- Skalicka, M., Zinecker, M., Balcerzak, A. P., & Pietrzak, M. B. (2022). Business angels and early stage decision making criteria: empirical evidence from an emerging market. *Economic Research-Ekonomska Istraživanja*, 34(9–10), 1–26. <https://doi.org/10.1080/1331677X.2022.2063920>
- Smith, M. (2023). *50% of Gen Z wants to ditch corporate jobs and run their own*

- businesses, according to new research.* CNBC. <https://www.cnbc.com/2023/10/31/50percent-of-gen-z-wants-to-ditch-corporate-jobs-run-their-own-business-says-report.html>
- Somwethee, P., Aujirapongpan, S., & Ru-Zhue, J. (2023). The influence of entrepreneurial capability and innovation capability on sustainable organization performance: Evidence of community enterprise in Thailand. *Journal of Open Innovation: Technology, Market, and Complexity*, 9(2), 100082. <https://doi.org/https://doi.org/10.1016/j.joitmc.2023.100082>
- Songkajorn, Y., Aujirapongpan, S., Jiraphanumes, K., & Pattanasing, K. (2022). Organizational Strategic Intuition for High Performance: The Role of Knowledge-Based Dynamic Capabilities and Digital Transformation. *Journal of Open Innovation: Technology, Market, and Complexity*, 8(3), 117. <https://doi.org/10.3390/joitmc8030117>
- Southwick, S. M., Bonanno, G. A., Masten, A. S., Panter-Brick, C., & Yehuda, R. (2014). Resilience definitions, theory, and challenges: interdisciplinary perspectives. *European Journal of Psychotraumatology*, 5(1), 25338. <https://doi.org/10.3402/ejpt.v5.25338>
- Spiegel, O., Abbassi, P., Zylka, M. P., Schlagwein, D., Fischbach, K., & Schoder, D. (2016). Business model development, founders' social capital and the success of early stage internet start-ups: a mixed-method study. *Information Systems Journal*, 26(5), 421–449. <https://doi.org/10.1111/ISJ.12073>
- Spigel, B. (2017). The Relational Organization of Entrepreneurial Ecosystems. *Entrepreneurship Theory and Practice*, 41(1), 49–72. <https://doi.org/10.1111/etap.12167>
- Srisathan, W. A., Ketkaew, C., & Naruetharadhol, P. (2020). The intervention of organizational sustainability in the effect of organizational culture on open innovation performance: A case of thai and chinese SMEs. *Cogent Business & Management*, 7(1), 1717408. <https://doi.org/10.1080/23311975.2020.1717408>
- Stam, E., & van de Ven, A. (2021). Entrepreneurial ecosystem elements. *Small Business Economics*, 56(2), 809–832. <https://doi.org/10.1007/s11187-019-00270-6>
- Startup Ranking Indonesia. (2022). *Startup Lokomotif Pertumbuhan Ekonomi Digital*. <Https://Aptika.Kominfo.Go.Id/>. [https://www.youtube.com/watch?v=tPlA2DK8i9Y](https://aptika.kominfo.go.id/2022/09/startup-lokomotif-pertumbuhan-ekonomi-digital/#:~:text=Berdasarkan laporan Startup Ranking%2C per,Indonesia telah memiliki 2.346 startup.</p><p>Startup Studio Indonesia. (2020). <i>Vodcast SSI Ep 1 - William Tanuwijaya: Membangun Tim dan Culture Tokopedia dari Ruko Menjadi Unicorn</i>. Startup Studio Indonesia. <a href=)
- Sterman, J. D. (2002). All models are wrong: reflections on becoming a systems scientist. *System Dynamics Review*, 18(4), 501–531. <https://doi.org/https://doi.org/10.1002/sdr.261>

- Stevenson, R., Burnell, D., & Fisher, G. (2024). The Minimum Viable Product (MVP): Theory and Practice. *Journal of Management*, 01492063241227154. <https://doi.org/10.1177/01492063241227154>
- Stone, K. B. (2012). Four decades of lean: a systematic literature review. *International Journal of Lean Six Sigma*, 3(2), 112–132. <https://doi.org/10.1108/20401461211243702>
- Suchánek, P., & Králová, M. (2018). Customer satisfaction and different evaluation of it by companies. *Economic Research-Ekonomska Istraživanja*, 31(1), 1330–1350. <https://doi.org/10.1080/1331677X.2018.1484786>
- Sudarsono, A. B., & Olivia, H. (2021). Mediamorfosis Industri Media Televisi: Studi Lembaga Bisnis EMTEK pada Platform Digital vidio.com. *COMMENTATE: Journal of Communication Management*, 2(1), 1–16. <https://journal.lspr.edu/index.php/commentate/article/view/221>
- Suhaya, I. A., & Nugroho, B. Y. (2022). Corporate Governance Mechanism and Corporate Performance: A Literature Review. *Budapest International Research and Critics Institute-Journal (BIRCI-Journal)*, 5(2), 11947–11954. <https://doi.org/10.33258/BIRCI.V5I2.5028>
- Suprihanti, A., Kafiya, M., & ... (2020). Lecturer's Response to Establishment Plan of Business Incubators at Faculty of Agriculture UPN "Veteran" Yogyakarta. *Proceeding of LPPM* ..., 1(1), 248–256. <http://proceeding.rsfpress.com/index.php/ebs/article/view/75%0Ahttp://proceeding.rsfpress.com/index.php/ebs/article/viewFile/75/90>
- Supriyanto, H., & Prasetyawan, Y. (2019). Lean startup for continuous process improvement, in the manufacturing sector. *International Journal of Mechanical and Production Engineering Research and Development*, 9(6), 51–62. <https://doi.org/10.24247/ijmperddec20195>
- Suresh, J., & Ramraj, R. (2012). Entrepreneurial Ecosystem: Case Study on the Influence of Environmental Factors on Entrepreneurial Success. *European Journal of Business and Management*, 4, 95–101.
- SÜRÜCÜ, L., & MASLAKÇI, A. (2020). Validity and Reliability in Quantitative Research. *Business & Management Studies: An International Journal*, 8(3), 2694–2726. <https://doi.org/10.15295/bmij.v8i3.1540>
- Suryono, R. R., Budi, I., & Purwandari, B. (2021). Detection of fintech P2P lending issues in Indonesia. *Heliyon*, 7(4), e06782. <https://doi.org/https://doi.org/10.1016/j.heliyon.2021.e06782>
- Suwarni, Noviantoro, R., Fahlevi, M., & Abdi, M. N. (2020). Startup valuation by venture capitalists: An empirical study Indonesia firms. *International Journal of Control and Automation*, 13(2), 785–796.
- Syahputra, E. (2023). Perjalanan NextDev 2023 Hingga Penobatan Startup Terbaik. <Https://Www.Cnbcindonesia.Com/>. <https://www.cnbcindonesia.com/tech/20230609171816-37-444665/perjalanan-nextdev-2023-hingga-penobatan-startup-terbaik>
- Talmar, M., Walrave, B., Podoynitsyna, K. S., Holmström, J., & Romme, A. G. L.

- (2020). Mapping, analyzing and designing innovation ecosystems: The Ecosystem Pie Model. *Long Range Planning*, 53(4), 101850. <https://doi.org/https://doi.org/10.1016/j.lrp.2018.09.002>
- Tan, C.-Y., Chuah, C.-Q., & Lee, S.-T. (2021). Being Creative Makes You Happier: The Positive Effect of Creativity on Subjective Well-Being. *International Journal of Environmental Research and Public Health*, 18(14), 7244. <https://doi.org/10.3390/ijerph18147244>
- Techinasia. (2022). *13 Unicorn Indonesia: Riwayat Pendanaan, Nilai Valuasi, dll.* Id.Techinasia.Com. <https://id.techinasia.com/daftar-unicorn-indonesia-terlengkap>
- Teece, D. J. (2007). Explicating dynamic capabilities: the nature and microfoundations of (sustainable) enterprise performance. *Strategic Management Journal*, 28(13), 1319–1350. <https://doi.org/10.1002/SMJ.640>
- Teece, D. J. (2012). Dynamic Capabilities: Routines Versus Entrepreneurial Action. *Journal of Management Studies*, 49(8), 1395–1401. <https://doi.org/10.1111/j.1467-6486.2012.01080.x>
- Teece, D. J. (2018). Business models and dynamic capabilities. *Long Range Planning*, 51(1), 40–49. <https://doi.org/https://doi.org/10.1016/j.lrp.2017.06.007>
- Teece, D. J., Pisano, G., & Shuen, A. (1997a). Dynamic capabilities and strategic management. *Strategic Management Journal*, 18, 509–533. [https://doi.org/10.1002/\(SICI\)1097-0266\(199708\)18:7](https://doi.org/10.1002/(SICI)1097-0266(199708)18:7)
- Teece, D. J., Pisano, G., & Shuen, A. (1997b). Dynamic Capabilities and Strategic Management. *Strategic Management Journal*, 18(7), 509–533.
- Teixeira, E. G., Moura, G. L. de, Lopes, L. F. D., Marconatto, D. A. B., & Fischmann, A. A. (2021). The influence of dynamic capabilities on startup growth. *RAUSP Management Journal*, 56(1), 88–108. <https://doi.org/10.1108/RAUSP-08-2019-0176>
- Tinmaz, H., & Lee, J. H. (2020). An analysis of users' preferences on learning management systems: a case on German versus Spanish students. *Smart Learning Environments*, 7(1), 30. <https://doi.org/10.1186/s40561-020-00141-8>
- Trabelsi, D., & Siyahhan, B. (2021). Startup cash flows and venture capital investments: A real options approach. *Managerial and Decision Economics*, 42(3), 737–750. <https://doi.org/10.1002/MDE.3269>
- Traveloka. (2017). *Nearly US \$500 Million Investment by Expedia, East Ventures, Hillhouse Capital Group, JD.com and Sequoia Capital Highlight Confidence in Traveloka and Potential of Southeast Asia Travel Market.* Https://Www.Traveloka.Com/. <https://www.traveloka.com/en-id/explore/news/nearly-us-500-million-investment-expedia-east-ventures-hillhouse-capital-group-jd-com-sequoia-capital-highlight-confidence-traveloka-potential-southeast-asia-travel-market/63411>
- Trijanto, T. (2021). Evaluasi Efektitas Pelaksanaan Corporate Social Responsibility

- (CSR) PT Indosat Ooredoo Di Jawa Timur (Studi Pada Program Bantuan Banjir Kota Madiun). *Otonomi*. <https://api.semanticscholar.org/CorpusID:254726199>
- Trimi, S., & Berbegal-Mirabent, J. (2012). Business model innovation in entrepreneurship. *International Entrepreneurship and Management Journal*, 8(4), 449–465. <https://doi.org/10.1007/s11365-012-0234-3>
- Tripathi, N., Oivo, M., Liukkunen, K., & Markkula, J. (2019). Startup ecosystem effect on minimum viable product development in software startups. *Information and Software Technology*, 114, 77–91. <https://doi.org/https://doi.org/10.1016/j.infsof.2019.06.008>
- Tripathi, N., Seppänen, P., Boominathan, G., Oivo, M., & Liukkunen, K. (2019). Insights Into Startup Ecosystems Through Exploration of Multi-Vocal Literature. In *Information and Software Technology* (Vol. 105, pp. 56-77.). <https://doi.org/10.1016/j.infsof.2018.08.005>
- Tritoasmoro, I. I., Ciptomulyono, U., Dhewanto, W., & Taufik, T. A. (2022). Determinant factors of lean start-up-based incubation metrics on post-incubation start-up viability: case-based study. *Journal of Science and Technology Policy Management*, ahead-of-p(ahead-of-print). <https://doi.org/10.1108/JSTPM-12-2021-0187>
- Tronvoll, B., & Edvardsson, B. (2020). *Explaining How Platforms Foster Innovation in Service Ecosystems*. <https://doi.org/10.24251/hicss.2020.198>
- Truby, J. (2020). Fintech and the city: Sandbox 2.0 policy and regulatory reform proposals. *International Review of Law, Computers & Technology*, 34(3), 277–309. <https://doi.org/10.1080/13600869.2018.1546542>
- Tueanrat, Y., Papagiannidis, S., & Alamanos, E. (2021). Going on a journey: A review of the customer journey literature. *Journal of Business Research*, 125, 336–353. <https://doi.org/https://doi.org/10.1016/j.jbusres.2020.12.028>
- Ugwuanyi, L., & Okore, O. A. (2022). Financial Technology and Financial Inclusion in Nigeria. *International Journal of Social Sciences and Management Research*, 8(2), 101–109. <https://doi.org/10.56201/ijssmr.v8.no2.2022.pg101.109>
- Upadhyay, A., Mukhutty, S., Kumari, S., Garza-Reyes, J. A., & Shukla, V. (2022). A review of lean and agile management in humanitarian supply chains: analysing the pre-disaster and post-disaster phases and future directions. *Production Planning & Control*, 33(6–7), 641–654. <https://doi.org/10.1080/09537287.2020.1834133>
- Utami, C. W., Sutrisno, T. F. C. W., Teofilius, T., & Ardyan, E. (2021). Can Start-up Businesses Achieve Business Performance? An Overview of the “Soft” Total Quality Management Concept. *Quality Access to Success*, 22(181), 105–115.
- Utoyo, I. (2016). *Silicon Valley Mindset Membangun Ekosistem Startup Digital Indonesia*. Gramedia Pustaka.
- Uzoma, O. (2021). Perceived Influence of Entrepreneurial Intention on Business

- Success of Start-Ups in Food and Beverage Sector of Rivers State. *British Journal of Management and Marketing Studies*, 4(3), 87–108. <https://doi.org/10.52589/bjmms-969zwowh>
- Vamsi Krishna Jasti, N., & Kodali, R. (2014). A literature review of empirical research methodology in lean manufacturing. *International Journal of Operations & Production Management*, 34(8), 1080–1122. <https://doi.org/10.1108/IJOPM-04-2012-0169>
- Vanacker, T., Manigart, S., Meuleman, M., & Sels, L. (2011). A longitudinal study on the relationship between financial bootstrapping and new venture growth. *Entrepreneurship & Regional Development*, 23(9–10), 681–705. <https://doi.org/10.1080/08985626.2010.502250>
- Vandenbroucke, E., Knockaert, M., & Ucbasaran, D. (2016). Outside Board Human Capital and Early Stage High-Tech Firm Performance. *Entrepreneurship Theory and Practice*, 40(4), 759–779. <https://doi.org/10.1111/etap.12141>
- Vanni, K. M. (2022). Strategi Pemasaran Syariah “Bakar Uang” Pada Perusahaan E-Commerce Shopee. *Jurnal Ekonomi Dan Bisnis*, 23(1), 16. <https://doi.org/10.30659/ekobis.23.1.16-27>
- Vaz, R., de Carvalho, J. V., & Teixeira, S. F. (2023). Developing a Digital Business Incubator Model to Foster Entrepreneurship, Business Growth, and Academia–Industry Connections. *Sustainability (Switzerland)*, 15(9). <https://doi.org/10.3390/su15097209>
- Venkatraman, N., & Ramanujam, V. (1986). Measurement of Business Performance in Strategy Research: A Comparison of Approaches. *The Academy of Management Review*, 11(4), 801. <https://doi.org/10.2307/258398>
- Viki, T., Toma, D., & Gons, E. (2017). *The Corporate Startup: How Established Companies Can Develop Successful Innovation Ecosystems*. Akmedianet Management.
- Voss, G. B., & Voss, Z. G. (2000). Strategic Orientation and Firm Performance in an Artistic Environment. *Journal of Marketing*, 64(1), 67–83. <https://doi.org/10.1509/jmkg.64.1.67.17993>
- Wagner, S. M. (2021). Startups in the Supply Chain Ecosystem: An Organizing Framework and Research Opportunities. *International Journal of Physical Distribution & Logistics Management*, 51(10), 1130–1157. <https://doi.org/10.1108/ijpdlm-02-2021-0055>
- Wahyuni, R., Ordila, R., & Muhammin, A. (2021). Startup Jasa Jemput Antar (Jetar) Laundry Berbasis Web (Studi Kasus : Laundry Wilayah Panam). *Jurnal Ilmu Komputer*, 10(2), 85–90. <https://doi.org/10.33060/jik/2021/vol10.iss2.220>
- Waja, G., Shah, J., & Nanavati, P. (2021). Agile Software Development. *International Journal of Engineering Applied Sciences and Technology*, 5(2), 73–78.
- Wang, G., Li, Y., Zuo, J., Hu, W., Nie, Q., & Lei, H. (2021). Who drives green innovations? Characteristics and policy implications for green building collaborative innovation networks in China. *Renewable and Sustainable*

- Energy Reviews*, 143, 110875.
<https://doi.org/https://doi.org/10.1016/j.rser.2021.110875>
- Wang, J., & Wang, X. (2012). Structural Equation Modeling: Applications Using Mplus. In *Structural Equation Modeling: Applications Using Mplus*. Wiley Blackwell. <https://doi.org/10.1002/9781118356258>
- Wang, Z., Li, M., & Wang, R. (2017). Resonance beyond frequency-matching: multidimensional resonance. *New Journal of Physics*, 19(033012), 1–12. <https://doi.org/10.1088/1367-2630/aa6275>
- Ward, S., & Chapman, C. (2003). Transforming project risk management into project uncertainty management. *International Journal of Project Management*, 21(2), 97–105. [https://doi.org/https://doi.org/10.1016/S0263-7863\(01\)00080-1](https://doi.org/https://doi.org/10.1016/S0263-7863(01)00080-1)
- Wardani, A. S. (2024). *Indosat Gelar SheHacks 2024, Ajak Perempuan Manfaatkan Teknologi Digital*. Liputan 6. <https://www.liputan6.com/tekno/read/5582627/indosat-gelar-shehacks-2024-ajak-perempuan-manfaatkan-teknologi-digital?page=2>
- Wayan Yudha Pratama, I., Gede Juliana Eka Putra, I., Studi Sistem Informasi, P., & Primakara, S. (2022). Pengembangan Startup Inmotioon Dengan Menggunakan Metode Javelin Board Dan Lean Startup. *Jurnal Ilmiah Teknologi Informasi Asia*, 16(2), 95–104. <https://doi.org/10.32815/JITIKA.V16I2.758>
- Wheelen, T. L., & Hunger, J. D. (2012). *Strategic Management and Business Policy: Toward Global Sustainability* (13th ed.). Pearson.
- Wheelen, T. L., Hunger, J. D., Hoffman, A. N., & Bamford, C. E. (2018). *Strategic Management and Business Policy: Globalization, Innovation and Sustainability, Global Edition, 15th Edition* (15th ed.). Pearson UK.
- Wibowo, A. D. (2024). *Sinar Mas Land Dukung Kemajuan Ekosistem Startup Indonesia*. Katadata.Co.Id. <https://katadata.co.id/digital/startup/6641626e02c74/sinar-mas-land-dukung-kemajuan-ekosistem-startup-indonesia?page=2>
- Wijanto, S. (2007). *Structural Equation Modeling dengan LISREL 8.80*. Graha Ilmu.
- Wilden, R., Gudergan, S. P., Nielsen, B. B., & Lings, I. (2013). Dynamic Capabilities and Performance: Strategy, Structure and Environment. *Long Range Planning*, 46(1), 72–96. <https://doi.org/https://doi.org/10.1016/j.lrp.2012.12.001>
- Wisetsri, W., Franklin John, S., Prasad, A. B., Garg, S., Khaja Mohiddin, M., & Bhaskar, B. (2022). Analysing the importance and impact of cloud computing on organization's performance management during economic crises. *Materials Today: Proceedings*, 56, 2217–2220. <https://doi.org/https://doi.org/10.1016/j.matpr.2021.11.550>
- Wissal, D., Karim, D., & Laila, K. (2020). Adaptive Enterprise Architecture: Initiatives and Criteria. *2020 7th International Conference on Control*,

- Decision and Information Technologies (CoDIT)*, 1, 557–562.
<https://doi.org/10.1109/CoDIT49905.2020.9263891>
- Witschel, D., Döhla, A., Kaiser, M., Voigt, K.-I., & Pfletschinger, T. (2019). Riding on the wave of digitization: insights how and under what settings dynamic capabilities facilitate digital-driven business model change. *Journal of Business Economics*, 89(8), 1023–1095. <https://doi.org/10.1007/s11573-019-00950-5>
- Witt, M. A., & Jackson, G. (2016). Varieties of Capitalism and Institutional Comparative Advantage: A Test and Reinterpretation. *Academy of Management Proceedings*, 1(13675). <https://doi.org/10.5465/ambpp.2016.13675abstract>
- Wixom, B., & Watson, H. J. (2001). An Empirical Investigation of the Factors Affecting Data Warehousing Success. *MIS Q.*, 25, 17–41.
- Wright, P. M., Dunford, B. B., & Snell, S. A. (2001). Human resources and the resource based view of the firm. *Journal of Management*, 27(6), 701–721. <https://doi.org/10.1177/014920630102700607>
- Wu, F., Yeniyurt, S., Kim, D., & Cavusgil, S. T. (2006). The impact of information technology on supply chain capabilities and firm performance: A resource-based view. *Industrial Marketing Management*, 35(4), 493–504. <https://doi.org/https://doi.org/10.1016/j.indmarman.2005.05.003>
- Wu, L.-F., Huang, I., Huang, W.-C., & Du, P. (2019). Aligning Organizational Culture and Operations Strategy to Improve Innovation Outcomes. *Journal of Organizational Change Management*, 32(2), 224–250. <https://doi.org/10.1108/jocm-03-2018-0073>
- Xiao, Y., & Jiang, C. (2022). Industrial Designers' Thinking in the Stage of Concept Generation for Social Design: Themes, Strategies and Modes. *International Journal of Technology and Design Education*, 33(1), 281–311. <https://doi.org/10.1007/s10798-022-09732-7>
- Yang, J., & Zhang, M. (2021). Coopetition Within the Entrepreneurial Ecosystem: Startups' Entrepreneurial Learning Processes and Their Implications for New Venture Performance. *Journal of Business and Industrial Marketing*, 37(9), 1867–1886. <https://doi.org/10.1108/jbim-02-2021-0112>
- Yang, Q., Lu, T., Yao, T., & Zhang, B. (2014). The impact of uncertainty and ambiguity related to iteration and overlapping on schedule of product development projects. *International Journal of Project Management*, 32(5), 827–837. <https://doi.org/https://doi.org/10.1016/j.ijproman.2013.10.010>
- Yu, W., Chavez, R., Jacobs, M., Wong, C. Y., & Yuan, C. (2019). Environmental scanning, supply chain integration, responsiveness, and operational performance. *International Journal of Operations & Production Management*, 39(5), 787–814. <https://doi.org/10.1108/IJOPM-07-2018-0395>
- Yuan, B., & Cao, X. (2022). Do corporate social responsibility practices contribute to green innovation? The mediating role of green dynamic capability. *Technology in Society*, 68, 101868.

- <https://doi.org/https://doi.org/10.1016/j.techsoc.2022.101868>
- Yuana, R., Prasetio, E. A., Syarief, R., Arkeman, Y., & Suroso, A. I. (2022). Open Innovation Strategy in Indonesia ICT Industries. *International Research Journal of Business Studies*, 15(1), 79–86. <https://api.semanticscholar.org/CorpusID:252698814>
- Yuniarto, M. N., Sidharta, I., Wiratno, S. E., Nugraha, Y. U., & Asfani, D. A. (2022). Indonesian Electric Motorcycle Development: Lessons from innovation-based concept implementation on the design and production of the first Indonesian electric motorcycle. *IEEE Electrification Magazine*, 10(1), 65–74. <https://doi.org/10.1109/MELE.2021.3139247>
- Yusra, Y. (2022). *Nusantics Kantongi Pendanaan dari Program Akselerator Global “Illumina.”* <Https://Dailysocial.Id/>. <https://dailysocial.id/post/nusantics-kantongi-pendanaan-dari-program-akselerator-global-illumina>
- Yuwono, S. (2002). *Petunjuk Praktis Penyusunan Balanced Scorecard :Menuju Organisasi Yang Berfokus Pada Strategi*. PT Gramedia Pustaka Utama.
- Yvonne, A., & Kristaung, R. (2013). *Metodologi Penelitian Bisnis dan Akuntansi*. Dian Rakyat.
- Zaefarian, G., Forkmann, S., Mitreaga, M., & Henneberg, S. C. (2017). A Capability Perspective on Relationship Ending and Its Impact on Product Innovation Success and Firm Performance. *Long Range Planning*, 50(2), 184–199. <https://doi.org/10.1016/J.LRP.2015.12.023>
- Zahra, S. A. (2021). The Resource-Based View, Resourcefulness, and Resource Management in Startup Firms: A Proposed Research Agenda. *Journal of Management*, 47(7), 1841–1860. <https://doi.org/10.1177/01492063211018505>
- Zainudin, A., Habibullah, A., Arfiani, Y., & Mumpuni, S. D. (2023). Digital Transformation on Aquaculture in Indonesia through eFishery. *IOP Conference Series: Earth and Environmental Science*, 1147(1). <https://doi.org/10.1088/1755-1315/1147/1/012024>
- Zhang, Q., Lu, J., & Jin, Y. (2020). Artificial Intelligence in Recommender Systems. *Complex & Intelligent Systems*, 7(1), 439–457. <https://doi.org/10.1007/s40747-020-00212-w>
- Zhang, Z., Jin, J., Li, S., & Zhang, Y. (2023). Digital transformation of incumbent firms from the perspective of portfolios of innovation. *Technology in Society*, 72, 102149. <https://doi.org/https://doi.org/10.1016/j.techsoc.2022.102149>
- Zhao, R., Zou, G., Su, Q., Zou, S., Deng, W., Yu, A., & Zhang, H. (2022). Digital Twins-Based Production Line Design and Simulation Optimization of Large-Scale Mobile Phone Assembly Workshop. In *Machines* (Vol. 10, Issue 5). <https://doi.org/10.3390/machines10050367>
- Zhao, X., Yi, C., Zhan, Y., & Guo, M. (2022). Business environment distance and innovation performance of EMNEs: The mediating effect of R&D internationalization. *Journal of Innovation & Knowledge*, 7(4), 100241.

<https://doi.org/https://doi.org/10.1016/j.jik.2022.100241>

- Zheng, R., Li, Z., & Na, S. (2022). How customer engagement in the live-streaming affects purchase intention and customer acquisition, E-tailer's perspective. *Journal of Retailing and Consumer Services*, 68, 103015. <https://doi.org/https://doi.org/10.1016/j.jretconser.2022.103015>
- Zollo, M., & Winter, S. . (2002). Deliberate Learning and the Evolution of Dynamic Capabilities. *Organization Science*, 13(3), 339–351. <https://doi.org/https://doi.org/10.1287/orsc.13.3.339.2780>
- Zorzetti, M., Signoretti, I., Salerno, L., Marczak, S., & Bastos, R. (2022). Improving Agile Software Development using User-Centered Design and Lean Startup. *Information and Software Technology*, 141, 106718. <https://doi.org/https://doi.org/10.1016/j.infsof.2021.106718>
- Zorzi, O. (2019). Granovetter (1983): The Strength of Weak Ties: A Network Theory Revisited BT. In B. Holzer & C. Stegbauer (Eds.), *Schlüsselwerke der Netzwerkforschung* (pp. 243–246). Springer Fachmedien Wiesbaden. https://doi.org/10.1007/978-3-658-21742-6_55
- Zsidó, K. E., & Fenyves, V. (2015). Application Of “Traditional” And “New” Approach Methods In Business Performance Measurement. *CrossCultural Management Journal*, 1, 51–57.
- Zulkarnain, W., & Andini, S. (2021). Inkubator Bisnis Modern Berbasis I-Learning Untuk Menciptakan Kreativitas Startup di Indonesia. *ADI Pengabdian Kepada Masyarakat*, 1(1 SE-Articles), 77–86. <https://doi.org/10.34306/adimas.v1i1.252>
- Wu. L.-Y. (2007). Entrepreneurial resources. dynamic capabilities and start-up performance of Taiwan’s high-tech firms. *Journal of Business Research*. 60(5). 549–555. <https://doi.org/https://doi.org/10.1016/j.jbusres.2007.01.007>