

DAFTAR PUSTAKA

- Abdullah, N., & Rosli, N. F. (2015). An evaluation on determinants of smes performance in malaysia. *South East Asia Journal of Contemporary Business, Economics and Law*, 7(2), 16–23.
- Abed, S. S. (2020). Social commerce adoption using TOE framework: An empirical investigation of Saudi Arabian SMEs. *International Journal of Information Management*, 53(March), 102118. <https://doi.org/10.1016/j.ijinfomgt.2020.102118>
- Aghazadeh, H., & Zandi, F. (2022). International growth of SMEs: exploring the effects of adaptive selling, institutional knowledge, innovativeness and opportunity recognition. *Journal of Entrepreneurship in Emerging Economies*, 14(6), 1265–1298. <https://doi.org/10.1108/JEEE-02-2021-0051>
- Akinboade, O. A. (2015). Determinants of SMEs growth and performance in Cameroon's central and littoral provinces' manufacturing and retail sectors. *African Journal of Economic and Management Studies*, 6(2), 183–196. <https://doi.org/10.1108/AJEMS-03-2013-0033>
- Akman, I., & Mishra, A. (2017). Factors influencing consumer intention in social commerce adoption. *Information Technology & People*, 30(2), 356–370.
- Aksoy, H. (2017). How do innovation culture, marketing innovation and product innovation affect the market performance of small and medium-sized enterprises (SMEs)? *Technology in Society*, 51, 133–141. <https://doi.org/10.1016/j.techsoc.2017.08.005>
- Ali, G. A., Hilman, H., & Gorondutse, A. H. (2020). Effect of entrepreneurial orientation, market orientation and total quality management on performance: Evidence from Saudi SMEs. *Benchmarking*, 27(4), 1503–1531. <https://doi.org/10.1108/BIJ-08-2019-0391>
- Ali, H., Hao, Y., & Aijuan, C. (2020). Innovation Capabilities and Small and Medium Enterprises' Performance: An Exploratory Study. *Journal of Asian Finance, Economics and Business*, 7(10), 959–968. <https://doi.org/10.13106/jafeb.2020.vol7.no10.959>
- Amaral, M., Lima, R., Motta, G. da S., Fagundes, M., & Schocair, M. (2017). An analysis of industrial districts and Triple Helix of innovation – a regional development experience in the south of the state of Rio de Janeiro. *RAI Revista de*

Administração e Inovação, 14(4), 280–289.

<https://doi.org/10.1016/j.rai.2017.07.005>

Amirjabbari, B., & Bhuiyan, N. (2014). Determining supply chain safety stock level and location. *Journal of Industrial Engineering and Management*, 7(1), 42–71.

<https://doi.org/10.3926/jiem.543>

Anderson, B. S., & Eshima, Y. (2013). The influence of firm age and intangible resources on the relationship between entrepreneurial orientation and firm growth among Japanese SMEs. *Journal of Business Venturing*, 28(3), 413–429.

<https://doi.org/10.1016/j.jbusvent.2011.10.001>

Anggriana, A., Lestari, L. P., Yudha, A. W., Muthia, E., Mohi, L., Pratiwi, R., Aufi, U. W., Martini, Kandarsyah, R. M., & Aditya, D. (2020). GEMA-Program Ditjen IKMA. *Direktorat Jenderal Industri Kecil Dan Menengah*, 1–41.

Antoncic, J. A., Antoncic, B., Grum, D. K., & Ruzzier, M. (2018). The big five personality of the sme manager and their company's performance. *Journal of Developmental Entrepreneurship*, 23(4), 1–23.

<https://doi.org/10.1142/S1084946718500218>

Arbolino, R., Boffardi, R., Lanuzza, F., & Ioppolo, G. (2018). Monitoring and evaluation of regional industrial sustainability: Evidence from Italian regions. *Land Use Policy*, 75(January), 420–428.

<https://doi.org/10.1016/j.landusepol.2018.04.007>

Attallah, S. A. A., Mamlook, R., & Al-Jayyousi, O. (2019). A proposed methodology for measuring sme innovation. *Arab Gulf Journal of Scientific Research*, 37(2).

<https://doi.org/10.51758/agjsr-02-2019-0005>

Awang, Z., Wan Afthanorhan, W. M. A., & Asri, M. A. M. (2015). Parametric and Non Parametric Approach in Structural Equation Modeling (SEM): The Application of Bootstrapping. *Modern Applied Science*, 9(9), 58–67.

<https://doi.org/10.5539/mas.v9n9p58>

Baabdullah, A. M., Alalwan, A. A., Slade, E. L., Raman, R., & Khatatneh, K. F. (2021). SMEs and artificial intelligence (AI): Antecedents and consequences of AI-based B2B practices. *Industrial Marketing Management*, 98(September), 255–270.

<https://doi.org/10.1016/j.indmarman.2021.09.003>

Badan Pusat Statistik. (2020). Profil Industri Mikro dan Kecil 2020. In *bps.go.id* (Vol. 22, Issue 2). <https://doi.org/10.25104/transla.v22i2.1713>

Badan Pusat Statistik. (2022a). Profil industri mikro dan kecil 2022. In *Badan Pusat*

Statistik (Vol. 13).

Badan Pusat Statistik. (2022b). *Statistik Industri Manufaktur Indonesia 2022* (Vol. 11).

Badan Pusat Statistik. (2023). Profil Industri Mikro dan Kecil 2023. In *Badan Pusat Statistik* (Vol. 13).

Baker, K. R. (1985). Safety stocks and component commonality. *Journal of Operations Management*, 6(1), 13–22. [https://doi.org/10.1016/0272-6963\(85\)90031-2](https://doi.org/10.1016/0272-6963(85)90031-2)

Barney, J. (1991). Firm Resources and Sustained Competitive Advantage. *Journal of Management*, 17(1), 99–120.

Baumgartner, D., Pütz, M., & Seidl, I. (2013). What Kind of Entrepreneurship Drives Regional Development in European Non-core Regions? A Literature Review on Empirical Entrepreneurship Research. *European Planning Studies*, 21(8), 1095–1127. <https://doi.org/10.1080/09654313.2012.722937>

Belas, J., Rahman, A., Rahman, M. T., & Schonfeld, J. (2017). Financial constraints on innovative smes: Empirical evidence from the visegrad countries. *Engineering Economics*, 28(5), 552–563. <https://doi.org/10.5755/j01.ee.28.5.18204>

Bi, R., Davison, R. M., & Smyrniotis, K. X. (2015). IT and fast growth small-to-medium enterprise performance: An empirical study in Australia. *Australasian Journal of Information Systems*, 19(Oecd 2010), S247–S266. <https://doi.org/10.3127/ajis.v19i0.1012>

Bianchi, C. (2002). Introducing SD modelling into planning and control systems to manage SMEs' growth: A learning-oriented perspective. *System Dynamics Review*, 18(3), 315–338. <https://doi.org/10.1002/sdr.258>

Blackburn, R. A., Hart, M., & Wainwright, T. (2013). Small business performance: business, strategy and owner-manager characteristics. *Journal of Small Business and Enterprise Development*, 20(1), 8–27. <https://doi.org/10.1108/14626001311298394>

Blommerde, T., & Lynch, P. (2018). A Maturity Matrix for Assessing Service Innovation Capability. *Irish Academy of Management Conference 2016, August*, 1–27.

Bollen, K. A. (1989). Structural Equations with Latent Variables. In *Journal of the American Statistical Association* (Vol. 85, Issue 412). <https://doi.org/10.2307/2289630>

Boone, H. N., & Boone, D. A. (2012). Synthesis of porphyrin-diazacrown ether and porphyrin-cryptand conjugates for fluorescence detection of copper(II) ions.

Journal of Extention, 50(2), 1456–1466. [https://doi.org/10.1007/s11172-017-1908-](https://doi.org/10.1007/s11172-017-1908-3)

3

- Borshchev, A., & Filippov, A. (2004). From System Dynamics and Discrete Even to Practical Agent Based Modeling. *The 22nd International Conference of the System Dynamics Society*.
- Bottazzi, G., & Secchi, A. (2006). Gibrat's Law and diversification. *Industrial and Corporate Change*, 15(5), 847–875. <https://doi.org/10.1093/icc/dtl019>
- Branicki, L. J., Sullivan-Taylor, B., & Livschitz, S. R. (2018). How entrepreneurial resilience generates resilient SMEs. *International Journal of Entrepreneurial Behaviour and Research*, 24(7), 1244–1263. <https://doi.org/10.1108/IJEBR-11-2016-0396>
- Brown, R., Kalafsky, R. V., Mawson, S., & Davies, L. (2020). Shocks, uncertainty and regional resilience: The case of Brexit and Scottish SMEs. *Local Economy*, 35(7), 655–675. <https://doi.org/10.1177/0269094220979261>
- Bulut, H., & Öner, Y. (2017). The evaluation of socio-economic development of development agency regions in Turkey using classical and robust principal component analyses. *Journal of Applied Statistics*, 44(16), 2936–2948. <https://doi.org/10.1080/02664763.2016.1267115>
- Capozza, C., Salomone, S., & Somma, E. (2018). Local industrial structure, agglomeration economies and the creation of innovative start-ups: evidence from the Italian case. *Entrepreneurship and Regional Development*, 30(7–8), 749–775. <https://doi.org/10.1080/08985626.2018.1457087>
- Chatterjee, S., Chaudhuri, R., Sakka, G., Grandhi, B., Galati, A., Siachou, E., & Vrontis, D. (2021). Adoption of social media marketing for sustainable business growth of smes in emerging economies: The moderating role of leadership support. *Sustainability (Switzerland)*, 13(21). <https://doi.org/10.3390/su132112134>
- Chen, J., Liu, L., & Wang, Y. (2021). Business model innovation and growth of manufacturing SMEs: a social exchange perspective. *Journal of Manufacturing Technology Management*, 32(2), 290–312. <https://doi.org/10.1108/JMTM-03-2020-0089>
- Chitaka, T. Y., von Blottnitz, H., & Cohen, B. (2018). The role of decision support frameworks in industrial policy development: A South African iron and steel scrap case study. *Sustainable Production and Consumption*, 13(December), 113–125. <https://doi.org/10.1016/j.spc.2017.11.004>



- Choi, Y. R., Ha, S., & Kim, Y. (2022). Innovation ambidexterity, resource configuration and firm growth: is smallness a liability or an asset? *Small Business Economics*, 58(4), 2183–2209. <https://doi.org/10.1007/s11187-021-00507-3>
- Chung, A. Q. H., Andreev, P., Benyoucef, M., Duane, A., & O'Reilly, P. (2017). Managing an organisation's social media presence: An empirical stages of growth model. *International Journal of Information Management*, 37(1), 1405–1417. <https://doi.org/10.1016/j.ijinfomgt.2016.10.003>
- Civelek, M. E. (2018). Essentials of Structural Equation Modeling. In *Zea Books*. <https://doi.org/10.13014/k2sj1hr5>
- Cosenz, F., & Bivona, E. (2021). Fostering growth patterns of SMEs through business model innovation. A tailored dynamic business modelling approach. *Journal of Business Research*, 130(February 2019), 658–669. <https://doi.org/10.1016/j.jbusres.2020.03.003>
- Cosenz, F., Rodrigues, V. P., & Rosati, F. (2020). Dynamic business modeling for sustainability: Exploring a system dynamics perspective to develop sustainable business models. *Business Strategy and the Environment*, 29(2), 651–664. <https://doi.org/10.1002/bse.2395>
- Coyle, G. (2000). Qualitative and quantitative modelling in system dynamics: Some research questions. *System Dynamics Review*, 16(3), 225–244. [https://doi.org/10.1002/1099-1727\(200023\)16:3<225::AID-SDR195>3.0.CO;2-D](https://doi.org/10.1002/1099-1727(200023)16:3<225::AID-SDR195>3.0.CO;2-D)
- Crane, B. A., Hobson, D., Cooper, R. A., Holm, M. B., Reed, M. P., & Stadelmeier, S. (2005). Test-retest reliability, internal item consistency, and concurrent validity of the wheelchair seating discomfort assessment tool. *Assistive Technology*, 17(2), 98–107. <https://doi.org/10.1080/10400435.2005.10132100>
- D'Angelo, A., & Presutti, M. (2019). SMEs international growth: The moderating role of experience on entrepreneurial and learning orientations. *International Business Review*, 28(3), 613–624. <https://doi.org/10.1016/j.ibusrev.2018.12.006>
- Davidsson, P., Baker, T., & Senyard, J. M. (2017). A measure of entrepreneurial bricolage behavior. *International Journal of Entrepreneurial Behaviour and Research*, 23(1), 114–135. <https://doi.org/10.1108/IJEBR-11-2015-0256>
- Davidsson, P., & Delmar, F. (1997). *High-growth firms : characteristics, job contribution and method observa- tions*. 4, 1–23.
- Davis, F. D. (1989). Perceived Usefulness, Perceived Ease of Use, and User Acceptance of Information Technology. *MIS Quarterly*, 13(3), 319–340.

<https://doi.org/10.5962/bhl.title.33621>

- Delmar, F., Davidsson, P., & Gartner, W. B. (2003). Arriving at the high-growth firm. *Journal of Business Venturing*, 18(2), 189–216. [https://doi.org/10.1016/S0883-9026\(02\)00080-0](https://doi.org/10.1016/S0883-9026(02)00080-0)
- Derwisch, S., & Löwe, P. (2015). Systems dynamics modeling in industrial development evaluation. *IDS Bulletin*, 46(1), 44–57. <https://doi.org/10.1111/1759-5436.12120>
- Ding, C. S., Hsieh, C. T., Wu, Q., & Pedram, M. (1998). Stratified random sampling for power estimation. *Low-Power CMOS Design*, 94, 501–507. <https://doi.org/10.1109/9780470545058.sect13>
- Direktorat Jenderal Industri Kecil Menengah dan Aneka. (2023). Laporan Kinerja Program Nilai Tambah dan Daya Saing Industri. In *Kementerian Perindustrian* (Vol. 35, Issue 2).
- Dobni, C. . (2008). Measuring innovation culture in organizations: the development of a generalized innovation culture construct using exploratory factor analysis. *European Journal of Innovation Management*, 11(4), 539–559.
- Dollar, D., & Kraay, A. (2002). Growth is Good for the Poor. *Journal of Economic Growth*, 7, 192–225. <https://doi.org/10.1093/0199268657.003.0002>
- Doran, J., Jordan, D., & O’Leary, E. (2012). The effects of the frequency of spatially proximate and distant interaction on innovation by Irish SMEs. *Entrepreneurship and Regional Development*, 24(7–8), 705–727. <https://doi.org/10.1080/08985626.2012.710261>
- East Ventures. (2023). *Digital Competitiveness Index 2023*.
- Eggers, F. (2020). Masters of disasters? Challenges and opportunities for SMEs in times of crisis. *Journal of Business Research*, 116(May), 199–208. <https://doi.org/10.1016/j.jbusres.2020.05.025>
- Ehrenberger, M., Koudelková, P., & Strielkowski, W. (2015). Factors influencing innovation in small and medium enterprises in the Czech Republic. *Periodica Polytechnica Social and Management Sciences*, 23(2), 73–83. <https://doi.org/10.3311/PPso.7737>
- Eniola, A. A. (2020). Entrepreneurial self-efficacy and orientation for SME development. *Small Enterprise Research*, 27(2), 125–145. <https://doi.org/10.1080/13215906.2020.1752295>
- Expósito, A., & Sanchis, J. A. (2019). The relationship between types of innovation and



- SMEs ' performance : a multi - dimensional empirical assessment. *Eurasian Business Review*, 9(2), 115–135. <https://doi.org/10.1007/s40821-018-00116-3>
- Ferri, C., Hernández-Orallo, J., & Modroiu, R. (2009). An experimental comparison of performance measures for classification. *Pattern Recognition Letters*, 30(1), 27–38. <https://doi.org/10.1016/j.patrec.2008.08.010>
- Fisher, M. L. (1997). What is the Right Supply Chain for Your Product? *Effective Supply Chain*.
- Fitzsimmons, J. R., Steffens, P., & Douglas, E. J. (2005). Growth and Profitability in Small and Medium Sized. *Journal of Technology*, 2036(February), 43–45.
- Fjærtøft, D. B. (2015). Modeling Russian regional economic ripple effects of the oil and gas industry: Case study of the republic of Komi. *Regional Research of Russia*, 5(2), 109–121. <https://doi.org/10.1134/S2079970515020033>
- Foroudi, P., Gupta, S., Nazarian, A., & Duda, M. (2017). Digital technology and marketing management capability: achieving growth in SMEs. *Qualitative Market Research*, 20(2), 230–246. <https://doi.org/10.1108/QMR-01-2017-0014>
- Forrester, J. W. (1994). System dynamics, systems thinking, and soft OR. *System Dynamics Review*, 10(2–3), 245–256. <https://doi.org/10.1002/sdr.4260100211>
- Garson, G. D. (2016). Partial Least Squares. In *Multi-Label Dimensionality Reduction*. <https://doi.org/10.1201/b16017-6>
- Gherghina, S. C., Botezatu, M. A., Hosszu, A., & Simionescu, L. N. (2020). Small and medium-sized enterprises (SMEs): The engine of economic growth through investments and innovation. *Sustainability (Switzerland)*, 12(1). <https://doi.org/10.3390/SU12010347>
- Gliga, G., & Evers, N. (2023). Marketing capability development through networking – An entrepreneurial marketing perspective. *Journal of Business Research*, 156(April 2022), 113472. <https://doi.org/10.1016/j.jbusres.2022.113472>
- Golob, T. F. (2003). Structural equation modeling for travel behavior research. *Transportation Research Part B: Methodological*, 37(1), 1–25. [https://doi.org/10.1016/S0191-2615\(01\)00046-7](https://doi.org/10.1016/S0191-2615(01)00046-7)
- González-Loureiro, M., & Pita-Castelo, J. (2012). A model for assessing the contribution of innovative SMEs to economic growth: The intangible approach. *Economics Letters*, 116(3), 312–315. <https://doi.org/10.1016/j.econlet.2012.03.028>
- Gualtieri, L., Palomba, I., Wehrle, E. J., & Vidoni, R. (2020). The Opportunities and Challenges of SME Manufacturing Automation: Safety and Ergonomics in

- Human–Robot Collaboration. In *Industry 4.0 for SMEs: Challenges, Opportunities and Requirements*. Springer International Publishing. <https://doi.org/10.1007/978-3-030-25425-4>
- Guenther, C., Belitski, M., & Rejeb, N. (2022). Overcoming the ability-willingness paradox in small family firms' collaborations. *Small Business Economics*, 1409–1429. <https://doi.org/10.1007/s11187-022-00669-8>
- Gupta, V., & Gupta, B. (2014). Flexible strategic framework for managing innovation from perspective of continuity and change: A study of SMEs in India. *Business Process Management Journal*, 20(3), 502–522. <https://doi.org/10.1108/BPMJ-05-2013-0061>
- Gyimah, K. N., Owiredo, A., & Antwi, F. (2020). Effects of entrepreneurial trait on the success of small and medium scale enterprises: The ghanaian perspective. *International Journal of Scientific and Technology Research*, 9(3), 7177–7186.
- Hair, J. F., Hult, G. T. M., Ringle, C. M., & Sarstedt, M. (2017). A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM). Thousand Oaks. Sage, 165.
- Hair, Joe F, Sarstedt, M., Hopkins, L., & Kuppelwieser, V. G. (2014). Partial least squares structural equation modeling (PLS-SEM): An emerging tool in business research. *European Business Review*, 26(2), 106–121. <https://doi.org/10.1108/EBR-10-2013-0128>
- Hair, Joseph 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, Joseph F, Black, W. C., Babin, B. J., Anderson, R. E., Black, W. C., & Anderson, R. E. (2018). *Multivariate Data Analysis*. <https://doi.org/10.1002/9781119409137.ch4>
- Halim, H. ., Hazlina, N., Ramayah, A. ., Hanifah, H., Khadijeh, S., Marini, T., & Mohamad, N. (2015). *Towards an innovation culture: enhancing innovative performance of malaysian SMEs*. 4(2), 85.
- Hanifah, H., Abdul Halim, H., Ahmad, N. H., & Vafaei-Zadeh, A. (2019). Emanating the key factors of innovation performance: leveraging on the innovation culture among SMEs in Malaysia. *Journal of Asia Business Studies*, 13(4), 559–587. <https://doi.org/10.1108/JABS-04-2018-0130>
- Hanifah, H., Halim, H. A., Ahmad, N. H., & Vafaei-Zadeh, A. (2017). Understanding

- the innovation culture towards innovation performance among Bumiputera SMEs. *International Journal of Economic Research*, 14(16), 279–293.
- Hanifzadeh, F., Talebi, K., & Sajadi, S. M. (2017). The analysis of effect of aspiration to growth of managers for SMEs growth case study Exporting manufacturing SMEs in Iran. *Journal of Entrepreneurship in Emerging Economies*, 10(2), 277–301. <https://doi.org/10.1108/JEEE-10-2016-0045>
- Harahap, A. (2018). Analysis of micro and small industry development in Indonesia. *International Journal of Scientific and Technology Research*, 7(4), 1–6.
- Harahap, L. K. (2018). Analisis SEM (Structural Equation Modelling) Dengan SMARTPLS (Partial Least Square). *Fakultas Sains Dan Teknologi Uin Walisongo Semarang*, 1, 1.
- Harris, R. J. (2009). Improving tacit knowledge transfer within SMEs through e-collaboration. *Journal of European Industrial Training*, 33(3), 215–231. <https://doi.org/10.1108/03090590910950587>
- Heenkenda, H. M. J. C. B., Xu, F., Kulathunga, K. M. M. C. B., & Senevirathne, W. A. R. (2022). The Role of Innovation Capability in Enhancing Sustainability in SMEs: An Emerging Economy Perspective. *Sustainability (Switzerland)*, 14(17). <https://doi.org/10.3390/su141710832>
- Heimonen, T. (2012). What are the factors that affect innovation in growing SMEs? *European Journal of Innovation Management*, 15(1), 122–144. <https://doi.org/10.1108/14601061211192861>
- Henseler, J., Ringle, C. M., & Sarstedt, M. (2015). A new criterion for assessing discriminant validity in variance-based structural equation modeling. *Journal of the Academy of Marketing Science*, 43(1), 115–135. <https://doi.org/10.1007/s11747-014-0403-8>
- Herbane, B. (2019). Rethinking organizational resilience and strategic renewal in SMEs. *Entrepreneurship and Regional Development*, 31(5–6), 476–495. <https://doi.org/10.1080/08985626.2018.1541594>
- Hidayatno, A., Destyanto, A. R., & Handoyo, B. A. (2019). A conceptualization of renewable energy-powered industrial cluster development in Indonesia. *Energy Procedia*, 156(September 2018), 7–12. <https://doi.org/10.1016/j.egypro.2018.11.074>
- Hsieh, Y. H., & Chou, Y. H. (2018). Modeling the impact of service innovation for small and medium enterprises: A system dynamics approach. *Simulation*

- Modelling Practice and Theory*, 82, 84–102.
<https://doi.org/10.1016/j.simpat.2017.12.004>
- Hu, L., & Bentler, P. M. (1998). Fit indices in covariance structure modeling: Sensitivity to underparameterized model misspecification. *Psychological Methods*, 3(4), 424–453. <https://doi.org/10.1037//1082-989x.3.4.424>
- Huang, H. Z., Gu, Y. K., & Tian, Z. G. (2006). An integrated product and process development model supporting life cycle. In S. W., L. T., L. Z., B. J.-P., Z. W., L. S., & Y. C. (Eds.), *International Journal of Industrial Engineering : Theory Applications and Practice* (Vol. 13, Issue 3, pp. 270–279).
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-15544364591&partnerID=40&md5=93b2b69afb1db8aa745a95749c8ab0c5>
- Huang, J. Y., & Lin, S. J. (2020). Analysis on the influential factors of transformation resistance of small and medium enterprise managers. *Journal of General Management*, 45(3), 163–175. <https://doi.org/10.1177/0306307019892708>
- Humphreys, P., McAdam, R., & Leckey, J. (2005). Longitudinal evaluation of innovation implementation in SMEs. *European Journal of Innovation Management*, 8(3), 283–304. <https://doi.org/10.1108/14601060510610162>
- Hussain, K., & Salleh, M. N. M. (2015). Optimization of fuzzy neural network using APSO for predicting strength of Malaysian SMEs. *2015 10th Asian Control Conference: Emerging Control Techniques for a Sustainable World, ASCC 2015*.
<https://doi.org/10.1109/ASCC.2015.7244638>
- Ibarra, D., Bigdeli, A. Z., Igartua, J. I., & Ganzarain, J. (2020). Business model innovation in established SMEs: A configurational approach. *Journal of Open Innovation: Technology, Market, and Complexity*, 6(3).
<https://doi.org/10.3390/JOITMC6030076>
- Idris, F., Susita, D., & Buchdadi, A. D. (2020). Enhancing the small medium enterprises competitive advantage through SMEs strategic alliances. *Management Science Letters*, 10(9), 2113–2118. <https://doi.org/10.5267/j.msl.2020.1.018>
- Indonesia-Investments. (2022). *Indonesia Investments: Micro, Small, and Medium Enterprises* (Issue July 2022). <https://cdn.indonesia-investments.com/>
- Indonesian Government. (2015). Rencana Induk Pembangunan Industri Nasional 2015 - 2035. *Rencana Induk Pembangunan Industri Nasional 2015-2035*, 1–98.
- Indonesian Government. (2021). *Peraturan Pemerintah Republik Indonesia Nomor 07 Tahun 2021 tentang Kemudahan, Pelindungan, dan Pemberdayaan Koperasi dan*



Usaha Mikro, Kecil, dan Menengah (Issue 086507, pp. 1–121).

- Ioanid, A., Deselnicu, D. C., & Militaru, G. (2018). The impact of social networks on SMEs' innovation potential. *Procedia Manufacturing*, 22, 936–941.
<https://doi.org/10.1016/j.promfg.2018.03.133>
- Iranmanesh, M., Ghobakhloo, M., Foroughi, B., Nilashi, M., & Yadegaridehkordi, E. (2023). Factors influencing attitude and intention to use autonomous vehicles in Vietnam: findings from PLS-SEM and ANFIS. *Information Technology and People*. <https://doi.org/10.1108/ITP-11-2022-0825>
- Isaga, N., Masurel, E., & Van Montfort, K. (2015). Owner-manager motives and the growth of SMEs in developing countries: Evidence from the furniture industry in Tanzania. *Journal of Entrepreneurship in Emerging Economies*, 7(3), 190–211.
<https://doi.org/10.1108/JEEE-11-2014-0043>
- Islam, A., & Wahab, S. A. (2020). The intervention of strategic innovation practices in between regulations and sustainable business growth: a holistic perspective for Malaysian SMEs. *World Journal of Entrepreneurship, Management and Sustainable Development*, 17(3), 396–421. <https://doi.org/10.1108/WJEMSD-04-2020-0035>
- Jabbour, A. B. L. de S., Ndubisi, N. O., & Roman Pais Seles, B. M. (2020). Sustainable development in Asian manufacturing SMEs: Progress and directions. *International Journal of Production Economics*, 225(July 2019), 107567.
<https://doi.org/10.1016/j.ijpe.2019.107567>
- Jalil, M. F., Ali, A., & Kamarulzaman, R. (2022). Does innovation capability improve SME performance in Malaysia? The mediating effect of technology adoption. *International Journal of Entrepreneurship and Innovation*, 23(4), 253–267.
<https://doi.org/10.1177/14657503211048967>
- Jang, J. S. R. (1993). ANFIS: Adaptive-Network-Based Fuzzy Inference System. *IEEE Transactions on Systems, Man and Cybernetics*, 23(3), 665–685.
<https://doi.org/10.1109/21.256541>
- Jaworski, B. J., & Kohli, A. K. J. (1993). Market Orientation: antecedents and consequences. *Journal of Marketing*, 57(July 1993), 53–70.
- Joensuu-Salo, S., Sorama, K., Viljamaa, A., & Varamäki, E. (2018). Firm performance among internationalized smes: The interplay of market orientation, marketing capability and digitalization. *Administrative Sciences*, 8(3).
<https://doi.org/10.3390/admsci8030031>



- Joensuu-Salo, S., Viljamaa, A., & Kangas, E. (2023). Marketing first? The role of marketing capability in SME growth. *Journal of Research in Marketing and Entrepreneurship*, 25(2), 185–202. <https://doi.org/10.1108/JRME-05-2021-0070>
- Johnson, R. A. (2017). Probability and Statistics for Engineers. In *Pearson* (Vol. 8, Issue 2). <https://doi.org/10.1080/00401706.1966.10490369>
- Joshi, A., Kale, S., Chandel, S., & Pal, D. (2015). Likert Scale: Explored and Explained. *British Journal of Applied Science & Technology*, 7(4), 396–403. <https://doi.org/10.9734/bjast/2015/14975>
- Jouirou, N., & Kalika, M. (2004). Strategic alignment: a performance tool. (An empirical study of SMEs). *Americas Conference on Information Systems, August*, 1–10. http://basepub.dauphine.fr/bitstream/handle/123456789/2534/AMCIS_Jouirou_kalika.pdf?sequence=2
- Juergensen, J., Guimón, J., & Narula, R. (2020). European SMEs amidst the COVID-19 crisis: assessing impact and policy responses. *Journal of Industrial and Business Economics*, 47(3), 499–510. <https://doi.org/10.1007/s40812-020-00169-4>
- Jusufi, G., Ukaj, F., & Ajdarpašić, S. (2020). The effect of product innovation on the export performance of Kosovo SMEs. *Management (Croatia)*, 25(2), 215–234. <https://doi.org/10.30924/mjcmi.25.2.12>
- Kadam, R., Rao, S., Kareem Abdul, W., & Jabeen, S. S. (2019). Impact of cultural intelligence on SME performance: The mediating effect of entrepreneurial orientation. *Journal of Organizational Effectiveness*, 6(3), 161–185. <https://doi.org/10.1108/JOEPP-12-2018-0101>
- Kementerian Perindustrian. (2015). *Peraturan Menteri Perindustrian Republik Indonesia Nomor 110/M-IND/PER/12/2015 tentang Pedoman Penyusunan Rencana Pembangunan Industri Provinsi dan Rencana Pembangunan Industri Kabupaten/Kota*.
- Kementerian Perindustrian. (2020). *Rencana Strategis Kementerian Perindustrian Tahun 2020-2024*.
- Kementerian Perindustrian. (2021). *Rencana Strategis Direktorat Jenderal Industri Kecil, Menengah dan Aneka Tahun 2020-2024 (150 tahun 2021; Vol. 2024)*.
- Kementerian Perindustrian. (2022). *Laporan Kinerja Program Nilai Tambah dan Daya Saing Industri*.
- Kementrian Komunikasi dan Informatika Republik Indonesia. (2021). *Pacu Ekonomi*



- Nasional, *Pemerintah Ajak Pelaku IKM Perempuan Go Digital*. 2019.
<https://www.kominfo.go.id/content/detail/37757/pacu-ekonomi-nasional-pemerintah-ajak-pelaku-ikm-perempuan-go-digital/0/berita>
- Keogh, W., & Evans, G. (1998). Strategies for Growth and the Barriers Faced by High Tech SMEs. *National Small Firms Policy and Research Conference*, 2(4), 1074–1097.
- Khairuddin, N. H., Kamarulzaman, N. H., Hashim, H., & Hussin, S. R. (2020). The relationship between marketing strategies and innovative market orientation on performance of halal-certified agro-food SMEs. *Food Research*, 4, 124–132.
[https://doi.org/10.26656/fr.2017.4\(S1\).S22](https://doi.org/10.26656/fr.2017.4(S1).S22)
- Kharisma, B., & Hadiyanto, F. (2019). Analysis of Potential Sectors and Policy Priorities of Regional Economic Development in Maluku Province. *Etikonomi*, 18(1), 29–46. <https://doi.org/10.15408/etk.v18i1.7440>
- Khaw, K. W., Sadaa, A. M., Alnoor, A., Zaidan, A. S., Ganesan, Y., & Chew, X. Y. (2023). Spurring sustainability commitment strategy of family-owned SMEs: A multi-analytical SEM & ANFIS perspective. *Journal of High Technology Management Research*, 34(1), 100453.
<https://doi.org/10.1016/j.hitech.2023.100453>
- Kiani Mavi, R., Kiani Mavi, N., & Goh, M. (2017). Modeling corporate entrepreneurship success with ANFIS. *Operational Research*, 17(1), 213–238.
<https://doi.org/10.1007/s12351-015-0223-8>
- Kindström, D., Carlborg, P., & Nord, T. (2022a). Challenges for growing SMEs: A managerial perspective. *Journal of Small Business Management*, 62(3), 1–24.
<https://doi.org/10.1080/00472778.2022.2082456>
- Kindström, D., Carlborg, P., & Nord, T. (2022b). Challenges for growing SMEs: A managerial perspective. *Journal of Small Business Management*, 00(00), 1–24.
<https://doi.org/10.1080/00472778.2022.2082456>
- Kirkwood, C. W. (2013). System Dynamic Methods: A quick Introduction. In *Manufactured Sites: Rethinking the Post-Industrial Landscape* (pp. xii–xiv).
<https://doi.org/10.7591/9780801466717-002>
- Kiyabo, K., & Isaga, N. (2020). Entrepreneurial orientation, competitive advantage, and SMEs' performance: application of firm growth and personal wealth measures. *Journal of Innovation and Entrepreneurship*, 9(1), 0–15.
<https://doi.org/10.1186/s13731-020-00123-7>



- Koentjoro, S., & Gunawan, S. (2020). Managing knowledge, dynamic capabilities, innovative performance, and creating sustainable competitive advantage in family companies: A case study of a family company in Indonesia. *Journal of Open Innovation: Technology, Market, and Complexity*, 6(3).
<https://doi.org/10.3390/JOITMC6030090>
- Kor, Y. Y., Mahoney, J. T., & Michael, S. C. (2007). Resources, capabilities and entrepreneurial perceptions. *Journal of Management Studies*, 44(7), 1187–1212.
<https://doi.org/10.1111/j.1467-6486.2007.00727.x>
- Kuhn, M., & Johnson, K. (2013). Applied predictive modeling. In *Applied Predictive Modeling*. <https://doi.org/10.1007/978-1-4614-6849-3>
- Kumar, A., & Ayedee, N. (2018). Social Media Tools for Business for SMEs. *Journal of Management*, 5(3), 137–142.
<http://www.iaeme.com/jom/issues.asp?JType=JOM&VType=5&IType=3> Journal
- Kumar, A., & Ayedee, N. (2021). Technology Adoption: a Solution for SMEs To Overcome Problems During Covid-19. *Academy of Marketing Studies Journal*, 25(1), 1–16. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3745814
- Kumar, B. K. N., & Gugloth, D. (2012). Micro, Small, and Medium Enterprises in the 21st Century. *ZENITH International Journal of Business Economics & Management Research*, 2(5), 8826. www.zenithresearch.org.in
- Kumar, R., Singh, R. K., & Dwivedi, Y. K. (2020). Application of industry 4.0 technologies in SMEs for ethical and sustainable operations: Analysis of challenges. *Journal of Cleaner Production*, 275, 124063.
<https://doi.org/10.1016/j.jclepro.2020.124063>
- Kweka, J. (2020). *Partnerships for inclusive growth Can linkages with large firms spur the growth of SMEs in* (Issue October).
- Lahiri, S., & Kedia, B. L. (2009). The effects of internal resources and partnership quality on firm performance: An examination of Indian BPO providers. *Journal of International Management*, 15(2), 209–224.
<https://doi.org/10.1016/j.intman.2008.09.002>
- Lanlan, Z., Ahmi, A., & Popoola, O. M. J. (2019). Perceived ease of use, perceived usefulness and the usage of computerized accounting systems: A performance of micro and small enterprises (mses) in china. *International Journal of Recent Technology and Engineering*, 8(2 Special Issue 2), 324–331.
<https://doi.org/10.35940/ijrte.B1056.0782S219>



- Latifi, M. A., Nikou, S., & Bouwman, H. (2021). Business model innovation and firm performance: Exploring causal mechanisms in SMEs. *Technovation*, 107(February), 102274. <https://doi.org/10.1016/j.technovation.2021.102274>
- Lawson, B., & Samson, D. (2001). Developing Innovation Capability in Organisations: a Dynamic Capabilities Approach. *International Journal of Innovation Management*, 05(03), 377–400. <https://doi.org/10.1142/s1363919601000427>
- Lee, T. S., & Tsai, H. J. (2005). The effects of business operation mode on market orientation, learning orientation and innovativeness. *Industrial Management and Data Systems*, 105(3), 325–348. <https://doi.org/10.1108/02635570510590147>
- Leonhardt, H., Juschten, M., & Spash, C. L. (2017). To grow or not to grow: That is the Question : Lesson for Social Ecological Transformation from Small-Medium Enterprises. *Science Translational Medicine*, 9(418), 269–276. <https://doi.org/10.1126/scitranslmed.aar2442>
- Li, Qian et al. (2021). A study on the multiobjective optimization model for tourism development – Take Shanghai as example. *Tourism Economics*, 27(4), 762–776. <https://doi.org/10.1177/1354816620901934>
- Li, D., Yang, L., Lin, J., & Wu, J. (2020). How industrial landscape affects the regional industrial economy: A spatial heterogeneity framework. *Habitat International*, 100(May), 102187. <https://doi.org/10.1016/j.habitatint.2020.102187>
- Li, L., Jinfeng, C., & Xuezhu, G. (2012). The Growth Evaluation Model of Manufacturing SMEs and Application from System Engineering Perspective. *Systems Engineering Procedia*, 5, 412–419. <https://doi.org/10.1016/j.sepro.2012.04.063>
- Li, W., Liu, K., Belitski, M., Ghobadian, A., & O'Regan, N. (2016). e-Leadership through strategic alignment: An empirical study of small- and medium-sized enterprises in the digital age. *Journal of Information Technology*, 31(2), 185–206. <https://doi.org/10.1057/jit.2016.10>
- Lin, F., Ansell, J., & Siu, W. sum. (2020). Chinese SME development and industrial upgrading. *International Journal of Emerging Markets*, 16(6), 977–997. <https://doi.org/10.1108/IJOEM-01-2019-0054>
- Littunen, H., & Virtanen, M. (2009). Differentiating factors of venture growth: From statics to dynamics. *International Journal of Entrepreneurial Behaviour & Research*, 15(6), 535–554. <https://doi.org/10.1108/13552550910995425>
- Liu, A., Gu, J., & Liu, H. (2022). The fit between firm capability and business model



- for SME growth: a resource orchestration perspective. *R and D Management*, 52(4), 670–684. <https://doi.org/10.1111/radm.12513>
- Liu, H.-M. (2020). Effect of partnership quality on SMEs success: Mediating role of coordination capability and organisational agility. *Total Quality Management and Business Excellence*, 32(15–16), 1786–1802. <https://doi.org/10.1080/14783363.2020.1773782>
- Liu, H., Silva, E. A., & Wang, Q. (2016). Incorporating GIS data into an agent-based model to support planning policy making for the development of creative industries. *Journal of Geographical Systems*, 18(3), 205–228. <https://doi.org/10.1007/s10109-016-0229-7>
- Livingston, S. A. (2018). Test Reliability - Basic Concepts. *Research Memorandum ETS RM-18-01, January*, 1–38.
- Lockett, A., Thompson, S., & Morgenstern, U. (2009). The development of the resource-based view of the firm: A critical appraisal. *International Journal of Management Reviews*, 11(1), 9–28. <https://doi.org/10.1111/j.1468-2370.2008.00252.x>
- Lunenburg, F. C. (2011). Organizational Culture-Performance Relationships: Views of Excellence and Theory Z. *National Forum of Educational Administration and Supervision Journal*, 29(4), 1–10.
- Madanchian, M., & Taherdoost, H. (2019). Assessment of Leadership Effectiveness Dimensions in Small and Medium Enterprises (SMEs). *Procedia Manufacturing*, 32, 1035–1042. <https://doi.org/10.1016/j.promfg.2019.02.318>
- Maditinos, D., Chatzoudes, D., & Sarigiannidis, L. (2014). Factors affecting e-business adoption in SMEs: an empirical research. *International Journal of Commerce and Management*, 24(4), 327. <https://www.emeraldinsight.com/doi/pdfplus/10.1108/IJCoMA-07-2012-0043>
- Maksum, I. R., Sri Rahayu, A. Y., & Kusumawardhani, D. (2020). A social enterprise approach to empowering micro, small and medium enterprises (SMEs) in Indonesia. *Journal of Open Innovation: Technology, Market, and Complexity*, 6(3). <https://doi.org/10.3390/JOITMC6030050>
- Maldonado-Guzmán, G., Garza-Reyes, J. A., Pinzón-Castro, S. Y., & Kumar, V. (2019). Innovation capabilities and performance: are they truly linked in SMEs? *International Journal of Innovation Science*, 11(1), 48–62. <https://doi.org/10.1108/IJIS-12-2017-0139>



- Mantok, S., Sekhon, H., Sahi, G. K., & Jones, P. (2018). Entrepreneurial orientation and the mediating role of organisational learning amongst Indian S-SMEs. *Journal of Small Business and Enterprise Development*, 26(5), 641–660.
<https://doi.org/10.1108/JSBED-07-2018-0215>
- Manzoor, F., Wei, L., & Siraj, M. (2021). Small and medium-sized enterprises and economic growth in Pakistan: An ARDL bounds cointegration approach. *Heliyon*, 7(2), e06340. <https://doi.org/10.1016/j.heliyon.2021.e06340>
- Marangunić, N., & Granić, A. (2015). Technology acceptance model: a literature review from 1986 to 2013. *Universal Access in the Information Society*, 14(1), 81–95.
<https://doi.org/10.1007/s10209-014-0348-1>
- Mariyudi. (2019). Success factors of SMEs: The case of Indonesia. *International Journal of Business Innovation and Research*, 19(2), 204–231.
<https://doi.org/10.1504/IJBIR.2019.100074>
- Mavi, K. R., Mavi, K. N., & Goh, M. (2017). Modeling corporate entrepreneurship success with ANFIS. *Operational Research*, 17(1), 213–238.
<https://doi.org/10.1007/s12351-015-0223-8>
- McQuaid, R. W. (2000). The theory of partnership: why have partnerships? In public-private partnerships. *Managing Public-Private Partnerships for Public Services: An International Perspective*, March, 9–35.
- Menon, G., Kyung, E. J., & Agrawal, N. (2009). Biases in social comparisons: Optimism or pessimism? *Organizational Behavior and Human Decision Processes*, 108(1), 39–52. <https://doi.org/10.1016/j.obhdp.2008.05.001>
- Miller, D. (2019). Resource-Based View of the Firm. *Encyclopedia of Management Theory*, March, 1–20. <https://doi.org/10.4135/9781452276090.n232>
- Miner, K. (2010). The four levels of innovation: Assess the time, effort, and resources necessary to join the ranks of innovation. *Graziadio Business Report*, 13(4), 1–9.
- Miocevic, D., & Morgan, R. E. (2018). Operational capabilities and entrepreneurial opportunities in emerging market firms: Explaining exporting SME growth. *International Marketing Review*, 35(2), 320–341. <https://doi.org/10.1108/IMR-12-2015-0270>
- Mogashoa, M. M., & Selebi, O. (2021). Innovation capacity: A perspective on innovation capabilities of consulting engineering firms. *Southern African Journal of Entrepreneurship and Small Business Management*, 13(1), 1–10.
<https://doi.org/10.4102/SAJESBM.V13I1.372>



- Mohd Khazani, A., Nur Riza, M. S., Nordin, J., Ahmad Samsuri, M., A. Rahim, A. T., & Mohd Faizal, Z. (2006). K-Chart: A Tool for Research Planning and Monitoring. *Journal of Quality Measurement and Analysis*, 2(1), 123–129. https://www.academia.edu/2977536/K-Chart_a_tool_for_research_planning_and_monitoring
- Moreno, A. M., & Casillas, J. C. (2008). Entrepreneurial orientation and growth of SMEs: A causal model. *Entrepreneurship: Theory and Practice*, 32(3), 507–528. <https://doi.org/10.1111/j.1540-6520.2008.00238.x>
- Morgan, N. A., Feng, H., & Whitley, K. A. (2018). Marketing Capabilities in International Marketing. *Journal of Marketing*, 26(1), 61–95. <https://doi.org/10.1509/jim.17.0056>
- Motwani, J., Levenburg, N. M., Schwarz, T. V., & Blankson, C. (2006). Succession planning in SMEs: An empirical analysis. *International Small Business Journal*, 24(5), 471–495. <https://doi.org/10.1177/0266242606067270>
- Muflih, M., & Ratna, S. (2022). Business Development and Optimization of SMEs Growth Through Digital Marketing. *International Journal of Ebusiness and E-Government Studies*, 0744, 307–328. <https://doi.org/10.34109/ijebeeg>.
- Nallaperumal, K. (2017). *Engineering Research Methodology A Computer Science and Engineering*. December 2013.
- Neneh, B. N., & Vanzyl, J. (2014). Growth intention and its impact on business growth amongst SMEs in South Africa. *Mediterranean Journal of Social Sciences*, 5(20), 172–183. <https://doi.org/10.5901/mjss.2014.v5n20p172>
- Nugroho, M. A., Susilo, A. Z., Fajar, M. A., & Rahmawati, D. (2017). Exploratory Study of SMEs Technology Adoption Readiness Factors. *Procedia Computer Science*, 124, 329–336. <https://doi.org/10.1016/j.procs.2017.12.162>
- Nyarku, K. M., & Oduro, S. (2018). Effect of legal and regulatory framework on SMEs growth in the Accra Metropolis of Ghana. *International Journal of Entrepreneurship and Innovation*, 19(3), 207–217. <https://doi.org/10.1177/1465750317742842>
- OECD. (2024). *SME Policy Index : ASEAN 2024 – Enabling Sustainable Growth and Digitalisation*.
- Omerzel, D. G., & Antoncic, B. (2008). Critical entrepreneur knowledge dimensions for the SME performance. *Industrial Management & Data Systems*, 108(9), 1182–1199. <https://doi.org/10.1108/02635570810914883>

Oyedele, O. O., Paul, I. O., Ganiyu, I. O., Derera, E., & Oyero, M. A. (2020).

Technopreneurship as a Pathway to Sustainable Business Performance: Empirical Evidence from SMES in Nigeria. *The Journal of Accounting and Management*, 10(2), 21.

Ozili, P. K. (2023). The acceptable R-square in empirical modelling for social science research. *Social Research Methodology and Publishing Results: A Guide to Non-Native English Speakers*, 115769, 134–143. <https://doi.org/10.4018/978-1-6684-6859-3.ch009>

Pauli, U. (2016). Enhancing SMEs' growth by investing in organizational capital. *Entrepreneurial Business and Economics Review*, 4(3), 103–116. <https://doi.org/10.15678/EBER.2016.040308>

Paulus, A. L., & Hermanto, Y. B. (2022). The Competitive Advantage of Furniture SMEs in East Java: The Role of Aggressiveness in Entrepreneurship Orientation. *Economies*, 10(6), 1–11. <https://doi.org/10.3390/economies10060139>

Peljko, Ž., & Antončič, J. A. (2022). *Impacts of Entrepreneurial Openness and Creativity on Company Growth*. 13(June), 860382. <https://doi.org/10.3389/fpsyg.2022.860382>

Pemerintah Indonesia. (2018). *Peraturan Pemerintah Republik Indonesia Nomor 29 Tahun 2018 Tentang Pemberdayaan Industri* (29 Tahun 2018).

Peng, H., & Walid, L. (2022). The Effects of Entrepreneurs' Perceived Risks and Perceived Barriers on Sustainable Entrepreneurship in Algeria's SMEs: The Mediating Role of Government Support. *Sustainability (Switzerland)*, 14(17), 11067. <https://doi.org/10.3390/su141711067>

Penrose, E. T. (2009). The theory of the growth of the firm. *Knowledge and Strategy*, 63–68. <https://doi.org/10.1016/b978-0-7506-7088-3.50007-3>

Peraturan Pemerintah RI. (2015). *Pearuturan Pemerintah Republik Indonesia Nomor 14 Tahun 2015* (Vol. 53, Issue 9).

Pham, H. (2019). A new criterion for model selection. *Mathematics*, 7(12), 1–12. <https://doi.org/10.3390/MATH7121215>

Piispanen, V.-V., Paloniemi, K. J., & Simonen, J. (2018). Qualities of the growth-oriented entrepreneur Ville-Veikko Piispanen * Jaakko Simonen. *Int. J. Entrepreneurship and Small Business*, 34(1), 112–130.

Pirnaeu, C., Ghiculescu, D., & Ion, N. (2018). SMEs creativity and smart regional development. *MATEC Web of Conferences*, 178.

<https://doi.org/10.1051/mateconf/201817807007>

- Prahasta, E. (2018). *System Thinking & Pemodelan Sistem Dinamis*. Informatika.
- Priagung Hutomo, P. T., & Pudjiarti, E. S. (2021). Supply chain assessment of the organizational learning and market uncertainty on corporate performance of small scale steel industry in indonesia. *Uncertain Supply Chain Management*, 9(1), 39–48. <https://doi.org/10.5267/j.uscm.2020.12.003>
- Putri, D. L., Annisa, M., Ningrum, L. P., Mursid, M., Amiadji, & Murdjito. (2015). Agro Industrial Cluster Development Strategy Coastal Region District Banyuwangi. *Procedia Earth and Planetary Science*, 14, 136–143. <https://doi.org/10.1016/j.proeps.2015.07.094>
- Qalati, Sikandar Ali, Ostic, D., Shuibin, G., & Mingyue, F. (2021). A mediated–moderated model for social media adoption and small and medium-sized enterprise performance in emerging countries. *Managerial and Decision Economics*, 43(3), 846–861. <https://doi.org/10.1002/mde.3422>
- Qalati, Sikander Ali, Yuan, L. W., Khan, M. A. S., & Anwar, F. (2021). A mediated model on the adoption of social media and SMEs’ performance in developing countries. *Technology in Society*, 64(July 2020), 101513. <https://doi.org/10.1016/j.techsoc.2020.101513>
- Radulovich, L., Javalgi, R. (Raj) G., & Scherer, R. F. (2018). Intangible resources influencing the international performance of professional service SMEs in an emerging market: Evidence from India. *International Marketing Review*, 35(1), 113–135. <https://doi.org/10.1108/IMR-06-2016-0130>
- Rajala, A., & Tidström, A. (2022). Examining the effects of a coopetitive mindset on SME performance: The moderating role of growth. *Industrial Marketing Management*, 105(July), 351–358. <https://doi.org/10.1016/j.indmarman.2022.06.012>
- Rezaei, J., Ortt, R., & Trott, P. (2018). Supply chain drivers, partnerships and performance of high-tech SMEs: An empirical study using SEM. *International Journal of Productivity and Performance Management*, 67(4), 629–653. <https://doi.org/10.1108/IJPPM-01-2017-0017>
- Ring, P. S., & Van de Ven, A. H. (1992). Structuring cooperative relationships between organizations. *Strategic Management Journal*, 13(7), 483–498.
- Roberts, R., Flin, R., Millar, D., & Corradi, L. (2021). Technovation Psychological factors influencing technology adoption : A case study from the oil and gas

- Industry. *Technovation*, 102, 102219.
<https://doi.org/10.1016/j.technovation.2020.102219>
- Robinson, S. (2004). Simulation: the practice of model development and use. In *Journal of Simulation* (Vol. 2, Issue 1). John Wiley & Sons, Ltd.
<https://doi.org/10.1057/palgrave.jos.4250031>
- Saeed, K. (2001). Defining developmental problem for policy intervention or building reference mode in 20 steps over 5 learning cycles. *19th International Conference of the System Dynamics Society Atlanta Georgia, Conference*, 1–12.
proceedings.systemdynamics.org
- Salleh, M. N. M., Talpur, N., & Hussain, K. (2017). Adaptive neuro-fuzzy inference system: Overview, strengths, limitations, and solutions. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10387 LNCS(November 2018), 527–535.
https://doi.org/10.1007/978-3-319-61845-6_52
- Samara, E., Georgiadis, P., & Bakouros, I. (2012). The impact of innovation policies on the performance of national innovation systems: A system dynamics analysis. *Technovation*, 32(11), 624–638.
<https://doi.org/10.1016/j.technovation.2012.06.002>
- Sarfo, C. A., & Song, H. (2021). E-commerce adoption within SME's in Ghana, a tool for growth? *International Journal of Electronic Business*, 16(1), 32–51.
<https://doi.org/10.1504/IJEB.2021.112764>
- Sarkar, S., & Clegg, S. R. (2021). Resilience in a time of contagion: Lessons from small businesses during the COVID-19 pandemic. *Journal of Change Management*, 21(2), 242–267. <https://doi.org/10.1080/14697017.2021.1917495>
- Saryazdi, A., & Poursarrajian, D. (2021). Qualitative System Dynamics Model for Analyzing of Behavior Patterns of SMEs. *HighTech and Innovation Journal*, 2(1), 9–19. <https://doi.org/10.28991/hij-2021-02-01-02>
- Saunila, M., Pekkola, S., & Ukko, J. (2014). The relationship between innovation capability and performance: The moderating effect of measurement. *International Journal of Productivity and Performance Management*, 63(2), 234–249.
<https://doi.org/10.1108/IJPPM-04-2013-0065>
- Sawaeen, F. A. A., Ali, K. A. M., & Alenezi, A. A. A. S. (2021). Entrepreneurial Leadership and Organisational Performance of Smes in Kuwait: the Intermediate Mechanisms of Innovation Management and Learning Orientation.

- Interdisciplinary Journal of Information, Knowledge, and Management*, 16, 459–489. <https://doi.org/10.28945/4887>
- Sayal, A., & Banerjee, S. (2022). Factors influence performance of B2B SMEs of emerging economies: view of owner-manager. *Journal of Research in Marketing and Entrepreneurship*, 24(1), 112–140. <https://doi.org/10.1108/JRME-06-2020-0082>
- Selcuk, G., & Suwala, L. (2020). Migrant family entrepreneurship – mixed and multiple embeddedness of transgenerational Turkish family entrepreneurs in Berlin. *Journal of Family Business Management*. <https://doi.org/10.1108/JFBM-03-2019-0011>
- Shakib, D. M. (2020). Using system dynamics to evaluate policies for industrial clusters development. *Computers and Industrial Engineering*, 147(July), 106637. <https://doi.org/10.1016/j.cie.2020.106637>
- Shinozaki, S., Troilo, M., Ferre, J. P., & Guatlo, C. P. (2020). *Asia Small and Medium-Sized Enterprise Monitor 2020: Volume I-Country and Regional Reviews* (Vol. 1, Issue October). Asian Development Bank.
- Shoubaki, A. El, & Laguir, I. (2020). *ElShoubaki2020_Article_HumanCapitalAndSMEGrowthTheMed.pdf*. 1107–1121.
- Sidola, A., Kumar, P., & Kumar, D. (2012). System dynamics investigation of information technology in small and medium enterprise supply chain. *Journal of Advances in Management Research*, 9(2), 199–207. <https://doi.org/10.1108/09727981211271940>
- Soebandi, S., Wardhana, R., & Hermanto, S. B. (2018). The Role of Coaching, Capability, and Innovation on the Performance of SMEs in the Kenjeran Tourism Area in Surabaya. *Account and Financial Management Journal*, 1(August), 1694–1702. <https://doi.org/10.31142/afmj/v3i8.05>
- Sok, P., O’Cass, A., & Miles, M. P. (2016). The Performance Advantages for SMEs of Product Innovation and Marketing Resource–Capability Complementarity in Emerging Economies. *Journal of Small Business Management*, 54(3), 805–826. <https://doi.org/10.1111/jsbm.12172>
- Somohano-Rodríguez, F. M., Madrid-Guijarro, A., & López-Fernández, J. M. (2020). Does Industry 4.0 really matter for SME innovation? *Journal of Small Business Management*, 60(4), 1001–1028. <https://doi.org/10.1080/00472778.2020.1780728>
- Song, J., Xia, S., Vrontis, D., Sukumar, A., Liao, B., Li, Q., Tian, K., & Yao, N. (2022). The Source of SMEs’ Competitive Performance in COVID-19: Matching Big Data

- Analytics Capability to Business Models. *Information Systems Frontiers*, 24(4), 1167–1187. <https://doi.org/10.1007/s10796-022-10287-0>
- Sopha, B. M., & Hestiani, A. (2018). A case study of Indonesian SMEs : an empirical evidence of SCM practices and their impact on firm performance. *International Journal Services Technology and Management*, 24, 394–413.
- Sosnovskikh, S. (2017). Industrial clusters in Russia: The development of special economic zones and industrial parks. *Russian Journal of Economics*, 3(2), 174–199. <https://doi.org/10.1016/j.ruje.2017.06.004>
- Souto, J. E. (2022). Organizational creativity and sustainability-oriented innovation as drivers of sustainable development: overcoming firms’ economic, environmental and social sustainability challenges. *Journal of Manufacturing Technology Management*, 33(4), 805–826. <https://doi.org/10.1108/JMTM-01-2021-0018>
- Steffens, P., Davidsson, P., & Fitzsimmons, J. (2009). *Performance configurations over time : implications for growth and profit oriented strategies*. 33, 125–148. <https://eprints.qut.edu.au/14730/1/14730.pdf>
- Sterman, J. D. (2000). *Busniess Dynamics : system thinking and modeling for a complex world*. The McGraw-Hill Companies, Inc.
- Sulaim Arrumaisho, U., & Sunitiyoso, Y. (2019). A System Dynamics Model for Biodiesel Industry in Indonesia. *The Asian Journal of Technology Management (AJTM)*, 12(2), 149–162. <https://doi.org/10.12695/ajtm.2019.12.2.6>
- Sulistyo, H., & Siyamtinah. (2016). Innovation capability of SMEs through entrepreneurship, marketing capability, relational capital and empowerment. *Asia Pacific Management Review*, 21(4), 196–203. <https://doi.org/10.1016/j.apmrv.2016.02.002>
- Surya, B., Menne, F., Sabhan, H., Suriani, S., Abubakar, H., & Idris, M. (2021). Economic growth, increasing productivity of smes, and open innovation. *Journal of Open Innovation: Technology, Market, and Complexity*, 7(1), 1–37. <https://doi.org/10.3390/joitmc7010020>
- Susanto, P., Hoque, M. E., Shah, N. U., Candra, A. H., Hashim, N. M. H. N., & Abdullah, N. L. (2021). Entrepreneurial orientation and performance of SMEs: the roles of marketing capabilities and social media usage. *Journal of Entrepreneurship in Emerging Economies*. <https://doi.org/10.1108/JEEE-03-2021-0090>
- Suzuki, H., & Kino, Y. (2021). Exploring the growth process of successors in long-lived

- small and medium-sized manufacturing companies: A qualitative study.
F1000Research, 10, 1–29. <https://doi.org/10.12688/f1000research.52226.3>
- Taber, K. S. (2018). The Use of Cronbach's Alpha When Developing and Reporting Research Instruments in Science Education. *Research in Science Education*, 48(6), 1273–1296. <https://doi.org/10.1007/s11165-016-9602-2>
- Taghizadeh, S. K., Al Riyami, S., Rahman, S. A., Khan, G. M., & Al Abri, S. (2022). Does entrepreneurial intention for innovation at firm-level matter to affect performance? *International Journal of Entrepreneurship and Innovation*. <https://doi.org/10.1177/14657503221121574>
- Tambunan, T. (2019). Recent evidence of the development of micro, small and medium enterprises in Indonesia. *Journal of Global Entrepreneurship Research*, 9(1). <https://doi.org/10.1186/s40497-018-0140-4>
- Tambunan, T. T. H. (2009). SMEs in Asian developing countries. *SMEs in Asian Developing Countries*, 1–263. <https://doi.org/10.1057/9780230250949>
- Tan, C. S. L., Smyrnios, K. X., & Xiong, L. (2014). What drives learning orientation in fast growth SMEs? *International Journal of Entrepreneurial Behaviour and Research*, 20(4), 324–350. <https://doi.org/10.1108/IJEBr-02-2013-0032>
- Teece, D., & Pisano, G. (1994). The dynamic capabilities of firms: An introduction. *Industrial and Corporate Change*, 3(3), 537–556. <https://doi.org/10.1093/icc/3.3.537-a>
- Tenenhaus, M., Vinzi, V. E., Chatelin, Y. M., & Lauro, C. (2005). PLS path modeling. *Computational Statistics and Data Analysis*, 48(1), 159–205. <https://doi.org/10.1016/j.csda.2004.03.005>
- Teoh, W. M. Y., & Chong, S. C. (2014). Towards strengthening the development of women entrepreneurship in Malaysia. *Gender in Management*, 29(7), 432–453. <https://doi.org/10.1108/GM-10-2013-0122>
- Tian, Y., Jiang, G., Zhou, D., Ding, K., Su, S., Zhou, T., & Chen, D. (2019). Regional industrial transfer in the Jingjinji urban agglomeration, China: An analysis based on a new “transferring area-undertaking area-dynamic process” model. *Journal of Cleaner Production*, 235, 751–766. <https://doi.org/10.1016/j.jclepro.2019.06.167>
- Tillquist, J. (2002). Strategic connectivity in extended enterprise networks. *Journal of Electronic Commerce Research*, 3(2), 77–85. <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.87.852&rep=rep1&type=pdf>



- Torres, A. I., Ferraz, S. S., & Santos-Rodrigues, H. (2018). The impact of knowledge management factors in organizational sustainable competitive advantage. *Journal of Intellectual Capital*, 19(2), 453–472. <https://doi.org/10.1108/JIC-12-2016-0143>
- Triandini, E., Djunaidy, A., & Siahaan, D. (2017). A maturity model for e-commerce adoption by small and medium enterprises in Indonesia. *Journal of Electronic Commerce in Organizations*, 15(1), 44–58. <https://doi.org/10.4018/JECO.2017010103>
- Unger, J. M., Rauch, A., Frese, M., & Rosenbusch, N. (2011). Human capital and entrepreneurial success: A meta-analytical review. *Journal of Business Venturing*, 26(3), 341–358. <https://doi.org/10.1016/j.jbusvent.2009.09.004>
- Ushada, M., Wijayanto, T., Trapsilawati, F., & Okayama, T. (2021). *Modeling SMEs ' Trust in the Implementation of Industry 4 . 0 using Kansei Engineering and Artificial Neural Network : Food and Beverage SMEs Context*. 53(2), 210203. <https://doi.org/10.5614/j.eng.technol.sci.2021.53.2.3>
- Utami, R. M., & Lantu, D. C. (2013). Development of Competitiveness Model for Small - Medium. *The Indonesian Journal of Business Administration*, 2(11), 1309–1318.
- Valdez-Juárez, L. E., Solano-Rodríguez, O. J., & Martin, D. P. (2018). Modes of learning and profitability in Colombian and Mexican SMEs. *Journal of High Technology Management Research*, 29(2), 193–203. <https://doi.org/10.1016/j.hitech.2018.09.007>
- Vanpoucke, E., Vereecke, A., & Muylle, S. (2017). Leveraging the impact of supply chain integration through information technology. *International Journal of Operations and Production Management*, 37(4), 510–530. <https://doi.org/10.1108/IJOPM-07-2015-0441>
- Vellody, A., & Bahl, K. (2015). *Impact of e-commerce on SMEs in India*. https://www.kpmg.com/IN/en/IssuesAndInsights/ArticlesPublications/Documents/Snapdeal-Report_-Impact-of-e-Commerce-on-Indian-SMEs.pdf
- Venkatesh, V., & Davis, F. D. (2000). Theoretical extension of the Technology Acceptance Model: Four longitudinal field studies. *Management Science*, 46(2), 186–204. <https://doi.org/10.1287/mnsc.46.2.186.11926>
- Vicario, V., & Badra Nawangpalupi, C. (2020). The Role of Partnership in Production Towards Performance of Indonesia's Micro and Small Enterprises Indonesia. *International Journal of Economic, Business and Accounting Research*, 4(4), 1000–1011. <https://jurnal.stie-aas.ac.id/index.php/IJEBAR>



- Vidovic, J., & Solar, S. (2018). Recent Development in Raw Material Policy in the European Union: Perspective of Eurogeosurvey as a Data Supplier. *BIULETYN PAŃSTWOWEGO INSTYTUTU GEOLOGICZNEGO*, 472, 11–20.
<https://doi.org/10.5604/01.3001.0012.6902>
- Villa, A., & Taurino, T. (2018). From industrial districts to SME collaboration frames. *International Journal of Production Research*, 56(1–2), 974–982.
<https://doi.org/10.1080/00207543.2017.1401244>
- Vorhies, D. W., & Morgan, N. A. (2005). Benchmarking marketing capabilities for sustainable competitive advantage. *Journal of Marketing*, 69(1), 80–94.
<https://doi.org/10.1509/jmkg.69.1.80.55505>
- Wach, K. (2020). A typology of small business growth modelling: A critical literature review. *Entrepreneurial Business and Economics Review*, 8(1), 159–184.
<https://doi.org/10.15678/EBER.2020.080109>
- Wahyudi, S. T. (2017a). The Development Model Of Small-Industry In East Java: A Regional Comparative Study. *GATR Journal of Business and Economics Review*, 2(4), 01–09. [https://doi.org/10.35609/jber.2017.2.4\(1\)](https://doi.org/10.35609/jber.2017.2.4(1))
- Wahyudi, S. T. (2017b). The Development Model of Small-Industry in East Java: A Regional omparative Study. *Journal of Business & Economics Review (JBER)*, 2(4), 1–8.
<https://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,sso&db=bth&AN=137703406&site=ehost-live&custid=s1020214>
- Walia, N. (2015). *ANFIS : Adaptive Neuro-Fuzzy Inference System- A Survey*. 123(13), 32–38.
- Wang, H., Yuan, W., & Yuan, G. (2022). The mechanism for SMEs growth by applying stochastic dynamical approach. *Finance Research Letters*, 48(March), 102850.
<https://doi.org/10.1016/j.frl.2022.102850>
- Wang, J., Wu, J., & Che, Y. (2019). Agent and system dynamics-based hybrid modeling and simulation for multilateral bidding in electricity market. *Energy*, 180, 444–456. <https://doi.org/10.1016/j.energy.2019.04.180>
- Wang, Y. Z., Lo, F. Y., & Weng, S. M. (2019). Family businesses successors knowledge and willingness on sustainable innovation: The moderating role of leader's approval. *Journal of Innovation and Knowledge*, 4(3), 188–195.
<https://doi.org/10.1016/j.jik.2019.05.001>
- Weerawardena, J. (2003). The role of marketing capability in innovation based



- construct strategy. *Journal of Strategic Marketing*, 11(1), 15–36.
- Wernerfelt, B. (2007). The resource-based view of the firm. *Strategic Management Journal*, 27(2), 625–641.
- Wijewardena, H., Nanayakkara, G., & De Zoysa, A. (2008). The owner/manager's mentality and the financial performance of SMEs. *Journal of Small Business and Enterprise Development*, 15(1), 150–161.
<https://doi.org/10.1108/14626000810850892>
- Wilton, W. (2012). Growth, what growth? It is not on the menu: Subsistence entrepreneurship among Zimbabwean entrepreneurs - A country perspective. *International Journal of Entrepreneurship and Small Business*, 17(1), 44–56.
<https://doi.org/10.1504/IJESB.2012.048650>
- Wolff, J. A., Pett, T. L., & Ring, J. K. (2015). Small firm growth as a function of both learning orientation and entrepreneurial orientation: An empirical analysis. *International Journal of Entrepreneurial Behaviour and Research*, 21(5), 709–730.
<https://doi.org/10.1108/IJEBr-12-2014-0221>
- World Bank. (2020). *Small and Medium Enterprises (SMEs) Finance*.
- World Intellectual Property Organization. (2023). Global Innovation Index 2023. In *WIPO Publication* (Vol. 13, Issue 1).
- Wyne, F., & Haroon Hafeez, M. (2019). Do Strategic Resources Influence SMEs Performance? *Pakistan Journal of Social Sciences (PJSS)*, 39(3), 995–1008.
- Yang, Z., Likai, Z., & Ruoyu, L. (2022). The Impact of Network Ties on SMEs' Business Model Innovation and Enterprise Growth: Evidence from China. *IEEE Access*, 10, 29846–29858. <https://doi.org/10.1109/ACCESS.2022.3158749>
- Yeboah, M. A. (2015). Determinants of Sme Growth : an Empirical Perspective of Smes in the Cape Coast Metropolis , Ghana. *The Journal of Bussiness in Developing Nations*, 14.
- Yudha, A. W., Anggriana, A., Lestari, L. P., Mohi, L., Muthia, E., Kurniawati, A., Kuswardana, I., Daniya, N., Matra, M. T., Maharani, D., Aditya, D., & Jayani. (2023). GEMA-Mesin Peralatan Buatan Anak Bangsa. *Direktorat Jenderal Industri Kecil Dan Menengah*, 1–80.
- Yusof, R., Imm, N. S., Ann, H. J., & Rahman, A. A. (2018). The influence of SMEs employees' intention towards innovative behaviour. *Pertanika Journal of Social Sciences and Humanities*, 26(3), 1905–1923.
- Zahra, A. M., Dhewanto, W., & Utama, A. A. (2021). Boosting Emerging Technology



- Adoption in SMEs: A Case Study of the Fashion Industry. *International Journal of Applied Business Research*, 3(2), 81–96. <https://doi.org/10.35313/ijabr.v3i2.155>
- Zaridis, A., Vlachos, I., & Bourlakis, M. (2021). SMEs strategy and scale constraints impact on agri-food supply chain collaboration and firm performance. *Production Planning and Control*, 32(14), 1165–1178. <https://doi.org/10.1080/09537287.2020.1796136>
- Zhao, X., Ma, X., Tang, W., & Liu, D. (2019). An adaptive agent-based optimization model for spatial planning: A case study of Anyue County, China. *Sustainable Cities and Society*, 51(July), 101733. <https://doi.org/10.1016/j.scs.2019.101733>