

DAFTAR PUSTAKA

- Abdillah, W., & Saepullah, A. (2018). Model Technology to Performance Chain (TPC) in Implementing Accrual-Based Sistem Informasi Manajemen Daerah (SIMDA) Finance: Empirical Evidence from Local Government of Indonesia. *Jurnal Dinamika Manajemen*, 9(1), 56–68. <https://doi.org/10.15294/jdm.v9i1.14652>
- Acquila-Natale, E., & Iglesias-Pradas, S. (2021). A matter of value? Predicting channel preference and multichannel behaviors in retail. *Technological Forecasting and Social Change*, 162(June 2020), 120401. <https://doi.org/10.1016/j.techfore.2020.120401>
- Adapa, S., Fazal-e-Hasan, S. M., Makam, S. B., Azeem, M. M., & Mortimer, G. (2020). Examining the antecedents and consequences of perceived shopping value through smart retail technology. *Journal of Retailing and Consumer Services*, 52(June 2019), 101901. <https://doi.org/10.1016/j.jretconser.2019.101901>
- Aithal, R. K., Choudhary, V., Maurya, H., Pradhan, D., & Sarkar, D. N. (2022). Factors influencing technology adoption amongst small retailers: insights from thematic analysis. *International Journal of Retail and Distribution Management*. <https://doi.org/10.1108/IJRDM-02-2022-0042>
- Ajzen, I. (1991). The theory of planned behavior. *Organizational Behavior and Human Decision Processes*, 50(2), 179–211. [https://doi.org/10.1016/0749-5978\(91\)90020-T](https://doi.org/10.1016/0749-5978(91)90020-T)
- AlGhamdi, R., Drew, S., & Al-Ghaith, W. (2011). Factors Influencing e-commerce Adoption by Retailers in Saudi Arabia: a qualitative analysis. *The Electronic Journal of Information Systems in Developing Countries*, 47(1), 1–23. <https://doi.org/10.1002/j.1681-4835.2011.tb00335.x>
- Alkemade, F., & Suurs, R. A. A. (2012). Patterns of expectations for emerging sustainable technologies. *Technological Forecasting and Social Change*, 79(3), 448–456. <https://doi.org/10.1016/j.techfore.2011.08.014>

- Alqahtani, S., & Wamba, S. F. (2012). Determinants of RFID technology adoption intention in the Saudi retail industry: An empirical study. *Proceedings of the Annual Hawaii International Conference on System Sciences*, 4720–4729. <https://doi.org/10.1109/HICSS.2012.202>
- Alter, S. (2014). Theory of workarounds. *Communications of the Association for Information Systems*, 34(1), 1041–1066. <https://doi.org/10.17705/1cais.03455>
- Alter, S. (2018). A Systems Theory of IT Innovation, Adoption, and Adaptation. *26th European Conference on Information Systems: Beyond Digitization - Facets of Socio-Technical Change, ECIS 2018*. https://aisel.aisnet.org/ecis2018_rp/26
- Anderson, J. (1993). The economics of new technology adaptation and adoption. *Review of Marketing and Agricultural Economics*, 61(2), 301–309. <http://ageconsearch.umn.edu/bitstream/9582/1/61020301.pdf>
- Andonova, V. (2003). Differences in the Behavior of Traditional Retailers in Adopting E-commerce. *Management Research: Journal of the Iberoamerican Academy of Management*, 1(3), 279–290. <https://doi.org/10.1108/15365430380000533>
- Arifin, Z. (2017). *Adopsi Teknologi Untuk Keunggulan Daya Saing*.
- Bailey, A. A., Pentina, I., Mishra, A. S., & Ben Mimoun, M. S. (2017). Mobile payments adoption by US consumers: an extended TAM. *International Journal of Retail and Distribution Management*, 45(6), 626–640. <https://doi.org/10.1108/IJRDM-08-2016-0144>
- Barua, A., Konana, P., Whinston, A. B., & Yin, F. (2004). An Empirical Investigation of Net-Enabled Business Value. *MIS Quarterly*, 28(4), 585–620. <https://doi.org/https://doi.org/10.2307/25148656>
- Basker, E. (2007). The Causes and Consequences of Wal-Mart's Growth. *Journal of Economic Perspectives*, 21(3), 177–198.
- Basker, E. (2016). Handbook on the economics of retailing and distribution. In *Handbook on the Economics of Retailing and Distribution*. <https://doi.org/10.4337/9781783477388>
- Beck, J., Grajek, M., & Wey, C. (2005). Hypermarket Competition and the

- Diffusion of Retail Checkout Barcode Scanning. *Discussion Paper SP II*, 19.
<https://doi.org/10.2139/ssrn.843286>
- Bhattacharya, M. (2015). A conceptual framework of RFID adoption in retail using Rogers stage model. *Business Process Management Journal*, 21(3), 517–540.
<https://doi.org/10.1108/BPMJ-06-2014-0047>
- Bhattacharya, M., & Wamba, S. F. (2015). A Conceptual Framework of RFID Adoption in Retail Using TOE Framework. *International Journal of Technology Diffusion*, 6(1), 1–32. <https://doi.org/10.4018/ijtd.2015010101>
- Blanco, E. E., & Fransoo, J. C. (2013). Reaching 50 million nanostores Retail distribution in emerging megacities. In *BETA publicatie : working papers* (Vol. 404, Issue July). <https://research.tue.nl/en/publications/reaching-50-million-nanostores-retail-distribution-in-emerging-me>
- Bloemer, J., & Ruyter, K. de. (1998). On the relationship between store image , store satisfaction. *European Journal of Marketing*, 32(5), 499–513.
- Bonner, J. M. (2010). Customer interactivity and new product performance : Moderating effects of product newness and product embeddedness. *Industrial Marketing Management*, 39(3), 485–492.
<https://doi.org/10.1016/j.indmarman.2008.11.006>
- Boulaksil, Y., Fransoo, J., Blanco, E., & Koubida, S. (2019). Understanding the fragmented demand for transportation – Small traditional retailers in emerging markets. *Transportation Research Part A*, 130(September), 65–81.
<https://doi.org/https://doi.org/10.1016/j.tra.2019.09.003>
- Braun, S. (2015). *The History of Retail: A Timeline*.
https://www.lightspeedhq.com/blog/the-history-of-retail-a-timeline/?__cf_chl_jschl_tk__=GD9_shEZAiIkeiayz3Rw4ppk8w4HVM0X5NyrmzPPJPTQ-1642828229-0-gaNycGzNCJE
- Braun, V., & Clarke, V. (2006). Using Thematic Analysis in Psychology. *Qualitative Research in Psychology*, 3(2), 77–101.
<http://www.tandfonline.com/action/journalInformation?journalCode=uqrp20>
<http://www.tandfonline.com/action/journalInformation?journalCode=uqrp20>

- Brown, I., & Russell, J. (2007). Radio frequency identification technology: An exploratory study on adoption in the South African retail sector. *International Journal of Information Management*, 27(4), 250–265. <https://doi.org/10.1016/j.ijinfomgt.2007.02.007>
- Buchan, J. (2014). Adopt or adapt? the rhetoric and reality of the diffusion of innovation in changing, technology-enhanced learning environments. *Proceedings of ASCILITE 2014 - Annual Conference of the Australian Society for Computers in Tertiary Education*, 99–109.
- Burton-Jones, A., & Gallivan, M. J. (2007). Toward a Deeper Understanding of System Usage in Organizations: A Multilevel Perspective. *MIS Quarterly*, 31(4), 657–679.
- Campbell, J. L., Quincy, C., Osserman, J., & Pedersen, O. K. (2013). Coding In-depth Semistructured Interviews: Problems of Unitization and Intercoder Reliability and Agreement. *Sociological Methods and Research*, 42(3), 294–320. <https://doi.org/10.1177/0049124113500475>
- Candra Kurniawan. (2019). A Survey on Big Data Analytics Model. *Information Technology Engineering Journals*, 4(1), 1–13. <https://doi.org/10.1109/ICACCCN.2018.8748774>
- Cebeci, U., Ertug, A., & Turkcan, H. (2020). Exploring the determinants of intention to use self-checkout systems in super market chain and its application. *Management Science Letters*, 10(5), 1027–1036. <https://doi.org/10.5267/j.msl.2019.11.007>
- Chang, D. Y. (1996). Applications of the extent analysis method on fuzzy AHP. *European Journal of Operational Research*, 95(3), 649–655. [https://doi.org/10.1016/0377-2217\(95\)00300-2](https://doi.org/10.1016/0377-2217(95)00300-2)
- Chang, Y. W., & Chen, J. (2021). What motivates customers to shop in smart shops? The impacts of smart technology and technology readiness. *Journal of Retailing and Consumer Services*, 58(September 2020), 102325. <https://doi.org/10.1016/j.jretconser.2020.102325>
- Chaniago, H. (2020). Investigation of Factors Influencing Traditional Retail Success in Small Cities in Indonesia. *Journal of Applied Economic Sciences*,

- 1(67), 65–75. [https://doi.org/10.14505/jaes.v15.1\(67\).05](https://doi.org/10.14505/jaes.v15.1(67).05)
- Chen, Z., & Dubinsky, A. J. (2003). A Conceptual Model of Perceived Customer Value in E-Commerce: A Preliminary Investigation. *Psychology and Marketing*, 20(April), 323–347. <https://doi.org/10.1002/mar.10076>
- Chou, C., Wu, H. C., & Chen, C. H. (2011). Re-visiting college students' attitudes toward the Internet-based on a 6-T model: Gender and grade level difference. *Computers and Education*, 56(4), 939–947. <https://doi.org/10.1016/j.compedu.2010.11.004>
- Cirera, X., & Maloney, W. F. (2017). *The Innovation Paradox: Developing-Country Capabilities and the Unrealized Promise of Technological Catch-Up*. World Bank.
- Collier, J. E., Moore, R. S., Horky, A., & Moore, M. L. (2015). Why the little things matter: Exploring situational influences on customers' self-service technology decisions. *Journal of Business Research*, 68(3), 703–710. <https://doi.org/10.1016/j.jbusres.2014.08.001>
- Compeau, D. R., & Higgins, C. A. (2012). Computer Self-Efficacy: Development of a Measure and Initial Test. *MIS Quarterly*, 19(2), 189–211. <https://doi.org/10.2307/249688>
- Cooper, D. R., & Schindler, P. S. (2014). *Business Research Methods* (Twelfth ed). The McGraw-Hills Irwin.
- Cooper, R. B., & Zmud, R. W. (1990). Information Technology Implementation Research: A Technological Diffusion Approach. *Management Science*, 36(2), 123–139. <https://doi.org/doi:10.1287/mnsc.36.2.123>
- Creswell, J. W. (2015). PENELITIAN KUALITATIF & DESAIN RISET Memilih di antara Lima Pendekatan. In *Mycolological Research* (Vol. 94, Issue 4).
- D'Andrea, G., Lopez-Aleman, B., & Stengel, A. (2006). Why small retailers endure in Latin America. *International Journal of Retail & Distribution Management*, 34(9), 661–673. <https://doi.org/10.1108/09590550610683184>
- de Bellis, E., & Venkataramani Johar, G. (2020). Autonomous Shopping Systems: Identifying and Overcoming Barriers to Consumer Adoption. *Journal of Retailing*, 96(1), 74–87. <https://doi.org/10.1016/j.jretai.2019.12.004>

- DeLone, W. H. (1981). Firm Size and the Characteristics of Computer Use. *MIS Quarterly*, 5(4), 65–77.
- Demirkan, H., & Spohrer, J. (2014). Developing a framework to improve virtual shopping in digital malls with intelligent self-service systems. *Journal of Retailing and Consumer Services*, 21(5), 860–868. <https://doi.org/10.1016/j.jretconser.2014.02.012>
- Denzin, N. K. (1988). Qualitative Analysis for Social Scientists by Anselm L. Strauss. In *Contemporary Sociology* (Vol. 17, Issue 3, pp. 430–432). American Sociological Association. <https://doi.org/10.2307/2069712>
- Desrianto, M. (2019). *Penyebab Toko Kelontong di Indonesia Sulit Berkembang*. Money.Kompas.Com. <https://money.kompas.com/read/2019/09/09/210200126/penyebab-toko-kelontong-di-indonesia-sulit-berkembang>
- Dholakia, R. R., & Uusitalo, O. (2002). Switching to electronic stores: Consumer characteristics and the perception of shopping benefits. *International Journal of Retail & Distribution Management*, 30(10), 459–469. <https://doi.org/10.1108/09590550210445335>
- Dholakia, R. R., Zhao, M., & Dholakia, N. (2005). Multichannel retailing: A case study of early experiences. *Journal of Interactive Marketing*, 19(2), 63–74. <https://doi.org/10.1002/dir.20035>
- Drave, V. A., Sharma, R. R. K., Bhatt, P. C., & Sharif. (2020). Technology adoption for different e-tailer formats: A conceptual framework. *Proceedings of the International Conference on Industrial Engineering and Operations Management, August*, 586–592.
- Duarte, P., Silva, S. C., Linardi, M. A., & Novais, B. (2022). Understanding the implementation of retail self-service check-out technologies using necessary condition analysis. *International Journal of Retail and Distribution Management*, 50(13), 140–163. <https://doi.org/10.1108/IJRDM-05-2022-0164>
- Dwi, A. T., & Citra, A. G. (2016). Sistem Pendukung Keputusan Untuk Menentukan Guru Teladan Menggunakan Metode Fuzzy-Ahp. *POSITIF*, 2(1),

41–45.

- Elliott, K. M., Hall, M. C., & Meng, J. (2013). Consumers' intention to use self-scanning technology: The role of technology readiness and perceptions toward self-service technology. *Academy of Marketing Studies Journal*, 17(1), 129–144.
- Evans, J. R. (2011). Retailing in perspective: The past is a prologue to the future. *International Review of Retail, Distribution and Consumer Research*, 21(1), 1–31. <https://doi.org/10.1080/09593969.2011.537817>
- Fan, X., Ning, N., & Deng, N. (2020). The impact of the quality of intelligent experience on smart retail engagement. *Marketing Intelligence and Planning*, 38(7), 877–891. <https://doi.org/10.1108/MIP-09-2019-0439>
- Fazal-e-Hasan, S. M., Amrollahi, A., Mortimer, G., Adapa, S., & Balaji, M. S. (2021). A multi-method approach to examining consumer intentions to use smart retail technology. *Computers in Human Behavior*, 117(September 2020), 106622. <https://doi.org/10.1016/j.chb.2020.106622>
- Fereday, J., & Muir-Cochrane, E. (2006). Demonstrating Rigor Using Thematic Analysis: A Hybrid Approach of Inductive and Deductive Coding and Theme Development. *International Journal of Qualitative Methods*, 5(1), 80–92. <https://doi.org/10.1177/160940690600500107>
- Fishbein, M., & Ajzen, I. (1975). *Attitude, intention and behavior: An introduction to theory and research*. MA: Addison-Wesley.
- Fongkam, P. (2015). Factors Affecting Traditional Retail Stores Competitiveness in Chiang Mai, Thailand. *Journal of Economics, Business and Management*, 3(2), 297–301. <https://doi.org/10.7763/joebm.2015.v3.198>
- Foroudi, P., Gupta, S., Sivarajah, U., & Broderick, A. (2018). Investigating the effects of smart technology on customer dynamics and customer experience. *Computers in Human Behavior*, 80, 271–282. <https://doi.org/10.1016/j.chb.2017.11.014>
- Forsythe, S. M., & Shi, B. (2003). Consumer patronage and risk perceptions in Internet shopping. *Journal of Business Research*, 56(11), 867–875. [https://doi.org/10.1016/S0148-2963\(01\)00273-9](https://doi.org/10.1016/S0148-2963(01)00273-9)

- Garaus, M., & Wagner, U. (2019). Let me entertain you – Increasing overall store satisfaction through digital signage in retail waiting areas. *Journal of Retailing and Consumer Services*, 47(July 2018), 331–338. <https://doi.org/10.1016/j.jretconser.2018.12.008>
- Gauri, D. K., Jindal, R. P., Ratchford, B., Fox, E., Bhatnagar, A., Pandey, A., Navallo, J. R., Fogarty, J., Carr, S., & Howerton, E. (2021). Evolution of retail formats: Past, present, and future. *Journal of Retailing*, 97(1), 42–61. <https://doi.org/10.1016/j.jretai.2020.11.002>
- Gawankar, S. A., Gunasekaran, A., & Kamble, S. (2019). A study on investments in the big data-driven supply chain, performance measures and organizational performance in Indian retail 4.0 context. *International Journal of Production Research*.
- Gawankar, S. A., Gunasekaran, A., & Kamble, S. (2020). A study on investments in the big data-driven supply chain, performance measures and organisational performance in Indian retail 4.0 context. *International Journal of Production Research*, 58(5), 1574–1593. <https://doi.org/10.1080/00207543.2019.1668070>
- Ge, J., Honhon, D., Fransoo, J. C., & Zhao, L. (2020). Supplying to mom and pop: Traditional retail channel selection in megacities. *Manufacturing and Service Operations Management*, 23(1), 1–17. <https://doi.org/10.1287/MSOM.2019.0806>
- Gibbs, J. L., & Kenneth L. Kraemer. (2004). A Cross-Country Investigation of the Determinants of Scope of E-commerce Use: An Institutional Approach. *Electronic Markets*, 14(2), 124–137. <https://doi.org/http://dx.doi.org/10.1080/10196780410001675077>
- Gilbert, D. (2003). *Retail Marketing Management*. Financial Times Prentice Hall. <https://books.google.co.id/books?id=wNfMQAAACAAJ>
- Gioia, D. A., Corley, K. G., & Hamilton, A. L. (2012). Seeking Qualitative Rigor in Inductive Research: Notes on the Gioia Methodology. *Organizational Research Methods*, 16(1), 15–31. <https://doi.org/10.1177/1094428112452151>
- Goldman, A. (2001). The transfer of retail formats into developing economies: The

- example of China. *Journal of Retailing*, 77(2), 221–242.
[https://doi.org/10.1016/S0022-4359\(01\)00044-6](https://doi.org/10.1016/S0022-4359(01)00044-6)
- Goldman, A., & Hino, H. (2005). Supermarkets vs. traditional retail stores: Diagnosing the barriers to supermarkets' market share growth in an ethnic minority community. *Journal of Retailing and Consumer Services*, 12(4), 273–284. <https://doi.org/10.1016/j.jretconser.2004.10.002>
- Goodhue, D. L., & Thompson, R. L. (1995). Task-technology fit and individual performance. *MIS Quarterly: Management Information Systems*, 19(2), 213–233. <https://doi.org/10.2307/249689>
- Goswami, P., & Mishra, M. S. (2009). Would Indian consumers move from kirana stores to organized retailers when shopping for groceries? *Asia Pacific Journal of Marketing and Logistics*, 21(1), 127–143. <https://doi.org/10.1108/13555850910926281>
- Govender, N. M., & Pretorius, M. (2015). A critical analysis of information and communications technology adoption: The strategy-as-practice perspective. *Acta Commercii*, 15(1). <https://doi.org/10.4102/ac.v15i1.229>
- Gupta, N., Handa, M., & Gupta, B. (2008). Young adults of india-online surfers or online shoppers. *Journal of Internet Commerce*, 7(4), 425–444. <https://doi.org/10.1080/15332860802507156>
- Hall, B. H., & Khan, B. (2003). Adoption of New Technology. In *NBER Working Paper No. 9730* (Issue May 2003).
- Hamdani, F. (2014). Penerapan Rfid (Radio Frequency Identification) Di Perpustakaan : Kelebihan Dan Kekurangannya. *Jurnal Ilmu Perpustakaan & Kearsipan Khizanah Al-Hikmah*, 2(1), 71–79.
- Hardiani, S., & Sisharini, N. (2017). Analysis of Competitiveness Traditional Retail To Modern Retails in Consumer Perspective. *International Conference: "Sustainable Development Goals 2030 Challenges and Its Solutions," August*, 224–231.
- Harris, A. F., Kravets, R., & Snader, R. (2018). Aggio: A coupon safe for privacy-preserving smart retail environments. *Proceedings - 2018 3rd ACM/IEEE Symposium on Edge Computing, SEC 2018*, 174–186.

<https://doi.org/10.1109/SEC.2018.00020>

Hilmer, U. (2009). Existing Theories Considering Technology Adoption. In *Mechatronics* (pp. 9–28). https://doi.org/10.1007/978-3-8349-8375-6_3

Hippel, E. Von, & Katz, R. (2002). Shifting Innovation to Users via Toolkits. *Management Science*, 48(July 2002), 821–833.

Holloway, I., & Todres, L. (2003). The Status of Method: Flexibility, Consistency and Coherence. *Qualitative Research*, 3(3), 345–357. <https://doi.org/10.1177/1468794103033004>

Hopping, D. (2000). Technology in retail. *Technology in Society*, 22(1), 63–74. [https://doi.org/10.1016/S0160-791X\(99\)00042-1](https://doi.org/10.1016/S0160-791X(99)00042-1)

Hoske, M. (2004). RFID: Adoption Increases Despite Costs. *Control Engineering*, 51(7), 46–47.

Iborida, E. A., Adeleke, B. S., & Ekoja, G. O. (2017). The Challenges of e-Tailing in Employment Creation: Empirical Evidence from Nigeria. *International Journal of Advanced Engineering, Management and Science*, 3(10), 1006–1012. <https://doi.org/10.24001/ijaems.3.10.6>

Inman, J. J., & Nikolova, H. (2017). Shopper-Facing Retail Technology: A Retailer Adoption Decision Framework Incorporating Shopper Attitudes and Privacy Concerns. *Journal of Retailing*, 93(1), 7–28. <https://doi.org/10.1016/j.jretai.2016.12.006>

Isharyani, M. E., Sopha, B. M., Wibisono, M. A., & Tjahjono, B. (2021). Smart Retail Adaptation Framework for Traditional Retailers: A Systematical Review of Literature. *2021 IEEE International Conference on Industrial Engineering and Engineering Management, IEEM 2021*, 143–147. <https://doi.org/10.1109/IEEM50564.2021.9673056>

Ittersum, K. Van, Wansink, B., Pennings, J. M. E., & Sheehan, D. (2013). Smart Shopping Carts : How Real- Time Feedback Influences Spending. *Journal of Marketing*, 77(November), 21–36.

Jasperson, J. (Sean), Carter, P. E., & Zmud, R. W. (2005). A comprehensive conceptualization of post-adoptive behaviors associated with information technology enabled work systems. *MIS Quarterly: Management Information*

- Systems*, 29(3), 525–557. <https://doi.org/10.2307/25148694>
- Jayaram, A. (2017a). Smart Retail 4 . 0 IoT Consumer Retailer Model for Retail Intelligence and Strategic Marketing of In-store Products. *17th International Business Horizon-INBUSH ERA-2017, February*.
- Jayaram, A. (2017b). Smart Retail 4 . 0 IoT Consumer Retailer Model for Retail Intelligence and Strategic Marketing of In-store Products Smart Retail 4 . 0 IoT Consumer Retailer Model for Retail Intelligence and Strategic Marketing of In-store Products. *17th International Business Horizon-INBUSH ERA-2017, February*.
- Jiang, W., & Li, Z. (2017). The Research on Competition Strategy of Traditional Retailers and Omni-channel Retailers In Internet Plus Era. *Advances in Social Science, Education and Humanities Research, Volume 101 4th International Conference on Education, Management and Computing Technology (ICEMCT 2017) The, 101(ICEMCT)*, 680–686. <https://doi.org/10.2991/icemct-17.2017.146>
- Johansson, T., & Kask, J. (2017). Configurations of business strategy and marketing channels for e-commerce and traditional retail formats: A Qualitative Comparison Analysis (QCA) in sporting goods retailing. *Journal of Retailing and Consumer Services*, 34, 326–333. <https://doi.org/10.1016/j.jretconser.2016.07.009>
- Johnson, V. L., Woolridge, R. W., & Bell, J. R. (2019). The Impact of Consumer Confusion on Mobile Self-Checkout Adoption. *Journal of Computer Information Systems*, 61(00), 1–11. <https://doi.org/10.1080/08874417.2019.1566802>
- Johnson, V. L., Woolridge, R. W., Wang, W., & Bell, J. R. (2020). The Impact of Perceived Privacy, Accuracy and Security on the Adoption of Mobile Self-Checkout Systems. *Journal of Innovation Economics & Management*, n°31(1), 221. <https://doi.org/10.3917/jie.pr1.0065>
- Justino, M. V., Tengeh, R. K., & Twum-Darko, M. (2022). A Revised Technology–Organisation–Environment Framework for Brick-and-Mortar Retailers Adopting M-Commerce. *Journal of Risk and Financial Management*, 15(7).

<https://doi.org/10.3390/jrfm15070289>

Kaushik, A. K., & Rahman, Z. (2015). An alternative model of self-service retail technology adoption. *Journal of Services Marketing*, 29(5), 406–420.

<https://doi.org/10.1108/JSM-08-2014-0276>

Kennedy, A., & Coughlan, J. (2006). Online shopping portals: An option for traditional retailers? *International Journal of Retail & Distribution Management*, 34(7), 516–528. <https://doi.org/10.1108/09590550610673590>

Kim, H. Y., Lee, J. Y., Mun, J. M., & Johnson, K. K. P. (2017). Consumer adoption of smart in-store technology: assessing the predictive value of attitude versus beliefs in the technology acceptance model. *International Journal of Fashion Design, Technology and Education*, 10(1), 26–36.

<https://doi.org/10.1080/17543266.2016.1177737>

Kim, R. Y. (2020). The Impact of COVID-19 on Consumers: Preparing for Digital Sales. *IEEE Engineering Management Review*, 48(3), 212–218.

<https://doi.org/10.1109/EMR.2020.2990115>

Kim, Y. H., & Yoon, S. Y. (2022). Effects of a Worksite-Based Self-Management Program in Traditional Retail Market Workers: Longitudinal Associations with Metabolic Parameters. *International Journal of Environmental Research and Public Health*, 19(5). <https://doi.org/10.3390/ijerph19052854>

Krippendorff, K. (2022). Content Analysis: An Introduction to Its Methodology. In *Content Analysis: An Introduction to Its Methodology*.

<https://doi.org/10.4135/9781071878781>

Kumar, A., Singh, R. K., & Swain, S. (2022). Adoption of Technology Applications in Organized Retail Outlets in India : *Global Business Review*, June, 1–24. <https://doi.org/10.1177/09721509211072382>

Kumar, V., Kumar, U., & Persaud, A. (2002). Building Technological Capability Through Importing Technology: The Case of Indonesian Manufacturing Industry. *Entomologia Experimentalis et Applicata*, 103(3), 239–248.

<https://doi.org/10.1023/A>

Lahiri, R., Ding, J., & Chinzara, Z. (2018). Technology adoption, adaptation and growth. *Economic Modelling*, 70(September 2017), 469–483.

<https://doi.org/10.1016/j.econmod.2017.08.026>

Lee, H., & Leonas, K. K. (2020). Millennials' Intention to Use Self-Checkout Technology in Different Fashion Retail Formats: Perceived Benefits and Risks. *Clothing and Textiles Research Journal*, 1–17. <https://doi.org/10.1177/0887302X20926577>

Lenartowics, T., & Balasubramanian, S. (2009). Practices and Performance of Small Retail Stores in Developing Economies. *Journal of International Marketing*, 17(1), 58–90.

Liang, T. P., Kohli, R., Huang, H. C., & Li, Z. L. (2021). What Drives the Adoption of the Blockchain Technology? A Fit-Viability Perspective. *Journal of Management Information Systems*, 38(2). <https://doi.org/10.1080/07421222.2021.1912915>

Lin, B. W. (2003). Technology transfer as technological learning: A source of competitive advantage for firms with limited R&D resources. *R and D Management*, 33(3), 327–341. <https://doi.org/10.1111/1467-9310.00301>

Lin, X., Wu, R. Z., Lim, Y. T., Han, J., & Chen, S. C. (2019). Understanding the sustainable usage intention of mobile payment technology in Korea: Cross-countries comparison of Chinese and Korean users. *Sustainability (Switzerland)*, 11(19), 1–23. <https://doi.org/10.3390/su11195532>

Lutfi, A., Alrawad, M., Alsyouf, A., Almaiah, M. A., Al-Khasawneh, A. A. L., Al-Khasawneh, A. A. L., Alshira'h, A. F., Alshirah, M. H., Saad, M., & Ibrahim, N. (2023). Drivers and impact of big data analytic adoption in the retail industry: A quantitative investigation applying structural equation modeling. *Journal of Retailing and Consumer Services*, 70(June 2022), 103129. <https://doi.org/10.1016/j.jretconser.2022.103129>

MacQueen, K. M., McLellan, E., Kay, K., & Milstein, B. (1998). Codebook development for team-based qualitative analysis. *Field Methods*, 10(2), 31–36. <https://doi.org/10.1177/1525822X980100020301>

Maruyama, M., & Trung, L. V. (2007). Traditional bazaar or supermarkets: A probit analysis of affluent consumer perceptions in Hanoi. *International Review of Retail, Distribution and Consumer Research*, 17(3), 233–252.

<https://doi.org/10.1080/09593960701368804>

Meyer, P., Roth, A., & Gutknecht, K. (2023). Service robots in organisational frontlines—A retail managers' perspective. *Journal of Retailing and Consumer Services*, 70, 103173.

<https://doi.org/10.1016/j.jretconser.2022.103173>

Miles, M. B., Huberman, A. M., & Saldana, J. (2014). *Qualitative Data Analysis: A Methods Sourcebook*. SAGE Publications, Inc.

Mkansi, M. (2022). E-business adoption costs and strategies for retail micro businesses. In *Electronic Commerce Research* (Vol. 22, Issue 4). Springer US. <https://doi.org/10.1007/s10660-020-09448-7>

Moore, G. C., & Benbasat, I. (1991). Development of an instrument to measure the perceptions of adopting an information technology innovation. *Information Systems Research*, 2(3), 192–222.

Neumeyer, X., Santos, S. C., & Morris, M. H. (2020). Overcoming barriers to technology adoption when fostering entrepreneurship among the poor: The role of technology and digital literacy. *IEEE Transactions on Engineering Management*, 68(6), 1605–1618. <https://doi.org/10.1109/TEM.2020.2989740>

Nikas, A., & Poulymenakou, A. (2006). Technology Adaptation. In *The International Bank for Reconstruction and Development/The World Bank* (Vol. 4, Issue 2). <https://doi.org/10.4018/jec.2008040101>

Ogbo, A., Ugwu, C. C., Enemuo, J., & Ukpere, W. I. (2019). E-commerce as a strategy for sustainable value creation among selected traditional open market retailers in Enugu State, Nigeria. *Sustainability (Switzerland)*, 11(16), 4360. <https://doi.org/10.3390/su11164360>

Oliveira, T., Faria, M., Thomas, M. A., & Popovič, A. (2014). Extending the understanding of mobile banking adoption: When UTAUT meets TTF and ITM. *International Journal of Information Management*, 34(5), 689–703. <https://doi.org/10.1016/j.ijinfomgt.2014.06.004>

Otto, J. R., Chung, Q. B., & Chung, J. R. O. Q. B. (2000). A Framework for Cyber-Enhanced Retailing: Integrating E-Commerce Retailing with Brick-and-Mortar Retailing. *Electronic Markets*, 10(3), 185–191.

<https://doi.org/10.1080/10196780050177099>

Ozturk, A. B., Bilgihan, A., Nusair, K., & Okumus, F. (2016). What keeps the mobile hotel booking users loyal? Investigating the roles of self-efficacy, compatibility, perceived ease of use, and perceived convenience. *International Journal of Information Management*, 36(6), 1350–1359.
<https://doi.org/10.1016/j.ijinfomgt.2016.04.005>

Pahlevi, R. (2021). *Ritel Tradisional Dominasi Usaha Penjualan Eceran di Indonesia*. Databoks.Katadata.Co.Id.
<https://databoks.katadata.co.id/datapublish/2022/07/12/ritel-tradisional-dominasi-usaha-penjualan-eceran-di-indonesia>

Pantano, E. (2016). Engaging consumer through the storefront: Evidences from integrating interactive technologies. *Journal of Retailing and Consumer Services*, 28(October 2014), 149–154.
<https://doi.org/10.1016/j.jretconser.2015.09.007>

Pantano, E., & Dennis, C. (2019). *Smart Retailing Technologies and Strategies*. Palgrave Macmillan-Springer Nature Switzerland.
<https://doi.org/https://doi.org/10.1007/978-3-030-12608-7>

Pantano, E., & Di Pietro, L. (2012). Understanding consumer's acceptance of technology-based innovations in retailing. *Journal of Technology Management and Innovation*, 7(4), 1–19. <https://doi.org/10.4067/S0718-27242012000400001>

Pantano, E., Iazzolino, G., & Migliano, G. (2013). Obsolescence risk in advanced technologies for retailing: A management perspective. *Journal of Retailing and Consumer Services*, 20(2), 225–233.
<https://doi.org/10.1016/j.jretconser.2013.01.002>

Pantano, E., & Priporas, C. V. (2016). The effect of mobile retailing on consumers' purchasing experiences: A dynamic perspective. *Computers in Human Behavior*, 61, 548–555. <https://doi.org/10.1016/j.chb.2016.03.071>

Pantano, E., Priporas, C. V., & Dennis, C. (2018). A new approach to retailing for successful competition in the new smart scenario. *International Journal of Retail and Distribution Management*, 46(3), 264–282.

<https://doi.org/10.1108/IJRDM-04-2017-0080>

Pantano, E., & Timmermans, H. (2014). What is Smart for Retailing? *Procedia Environmental Sciences*, 22, 101–107.

<https://doi.org/10.1016/j.proenv.2014.11.010>

Pantano, E., & Vannucci, V. (2019). Who is innovating? An exploratory research of digital technologies diffusion in retail industry. *Journal of Retailing and Consumer Services*, 49(July 2018), 297–304.

<https://doi.org/10.1016/j.jretconser.2019.01.019>

Pantano, E., & Viassone, M. (2012). Consumers' expectation of innovation in traditional points of sale: an explorative study. *International Journal of Digital Content Technology and Its Applications (JDCTA)*, 6(November), 455–461. <https://doi.org/10.4156/jdcta.vol6.issue21.52>

Pantano, E., & Viassone, M. (2014). Demand pull and technology push perspective in technology-based innovations for the points of sale: The retailers evaluation. *Journal of Retailing and Consumer Services*, 21(1), 43–47. <https://doi.org/10.1016/j.jretconser.2013.06.007>

Patel, K. K., & Patel, S. M. (2016). Internet of Things-IOT: Definition, Characteristics, Architecture, Enabling Technologies, Application & Future Challenges. *International Journal of Engineering Science and Computing*, 6(5), 1–10. <https://doi.org/10.4010/2016.1482>

Petrova, K., & Wang, B. (2013). Retailer Adoption of Mobile Payment. *Journal of Electronic Commerce in Organizations*, 11(4), 70–89. <https://doi.org/10.4018/jeco.2013100105>

Petter, S., Delone, W., & McLean, E. R. (2012). The past, present, and future of “IS success.” *Journal of the Association for Information Systems*, 13(5), 341–362. <https://doi.org/10.17705/1jais.00296>

Piras, L. (2015). *The Future Supermarket Will Be a Learning Space, Too*. Psfk.

Prabhu, R., Kamath, V., D'Souza, D. J., & Joshi, H. (2023). An Assessment of M-Commerce Adoption Amongst Women Fish Vendors in Coastal India Using System Dynamics Approach. *Agris On-Line Papers in Economics and Informatics*, 15(2), 83–91. <https://doi.org/10.7160/aol.2023.150207>

- Praharsi, Y., Wee, H. M., Sukwadi, R., & Padilan, M. V. (2014). Small-independent retailers vs. organized retailers: An empirical study in Indonesian economics of service industries. *Journal of Retailing and Consumer Services*, 21(2), 108–117. <https://doi.org/10.1016/j.jretconser.2013.09.002>
- Premkumar, G., & Ramamurthy, K. (1995). The Role of Interorganizational and Organizational Factors on the Decision Mode for Adoption of Interorganizational Systems *. *Decision Sciences*, 26(3), 303–336. <https://doi.org/10.1111/j.1540-5915.1995.tb01431.x>
- Priporas, C. V., Stylos, N., & Fotiadis, A. K. (2017). Generation Z consumers' expectations of interactions in smart retailing: A future agenda. *Computers in Human Behavior*, 77, 374–381. <https://doi.org/10.1016/j.chb.2017.01.058>
- Rahim, H. M. Y. (2011). Pemanfaatan Ict Sebagai Media Pembelajaran Dan Informasi Pada Uin Alauddin Makassar. *Sulesana*, 6(2), 127–135. <http://yahoo.com>
- Ram, M. K., Arjune, S., Karunakaran, R., & Guhan, R. (2022). Digital Technology Adoption Behaviour in the context of Unorganised retail: Towards a Technology Continuance Theory. *ICISTSD 2022 - 3rd International Conference on Innovations in Science and Technology for Sustainable Development*, 145–150. <https://doi.org/10.1109/ICISTSD55159.2022.10010458>
- Ramakrishnan, K. (2010). The competitive response of small, independent retailers to organized retail: Study in an emerging economy. *Journal of Retailing and Consumer Services*, 17(4), 251–258. <https://doi.org/10.1016/j.jretconser.2010.02.002>
- Rangaswamy, A., & Van Bruggen, G. H. (2005). Opportunities and challenges in multichannel marketing: An introduction to the special issue. *Journal of Interactive Marketing*, 19(2), 5–11. <https://doi.org/10.1002/dir.20037>
- Rani, E. (2013). Supermarkets Vs Small kirana stores. *IOSR Journal of Business and Management*, 10(1), 1–7. <https://doi.org/10.9790/487x-1010107>
- Ravi, V., & Aparna, R. (2016). Security in RFID based smart retail system. *Proceedings of the 10th INDIACom; 2016 3rd International Conference on*

- Computing for Sustainable Global Development, INDIACom 2016*, 587–592.
- Ravikumar, T., & Prakash, N. (2022). Determinants of adoption of digital payment services among small fixed retail stores in Bangalore, India. *International Journal of Business Innovation and Research*, 28(3), 319–346. <https://doi.org/10.1504/IJBIR.2022.124123>
- Renko, S., & Druzijanic, M. (2014). Perceived usefulness of innovative technology in retailing : Consumers ' and retailers ' point of view. *Journal of Retailing and Consumer Services*, 1–8. <https://doi.org/10.1016/j.jretconser.2014.02.015>
- Robinson, W. S. (1957). The Statistical Measurement of Agreement. *American Sociological Review*, 22(1), 17–25.
- Roehrich, G. (2004). Consumer innovativeness Concepts and measurements. *Journal of Business Research*, 57, 671–677. [https://doi.org/10.1016/S0148-2963\(02\)00311-9](https://doi.org/10.1016/S0148-2963(02)00311-9)
- Rogers, E. M. (1995). *Diffusion of Innovations* (4th ed.). The Free Press.
- Roggeveen, A. L., & Sethuraman, R. (2020). How the COVID-19 Pandemic May Change the World of Retailing. *Journal of Retailing*, 96(2), 169–171. <https://doi.org/10.1016/j.jretai.2020.04.002>
- Romero, I., & Martínez-Román, J. A. (2015). Determinants of technology adoption in the retail trade industry - the case of smes in Spain. *Amfiteatru Economic*, 17(39), 646–660.
- Roy, S. K., Balaji, M. S., & Nguyen, B. (2020). Consumer-computer interaction and in-store smart technology (IST) in the retail industry: the role of motivation, opportunity, and ability. *Journal of Marketing Management*, 36(3–4), 299–333. <https://doi.org/10.1080/0267257X.2020.1736130>
- Roy, S. K., Balaji, M. S., Quazi, A., & Quaddus, M. (2018). Predictors of customer acceptance of and resistance to smart technologies in the retail sector. *Journal of Retailing and Consumer Services*, 42(February), 147–160. <https://doi.org/10.1016/j.jretconser.2018.02.005>
- Roy, S. K., Balaji, M. S., Sadeque, S., Nguyen, B., & Melewar, T. C. (2017). Constituents and consequences of smart customer experience in retailing. *Technological Forecasting and Social Change*, 124(2017), 257–270.

<https://doi.org/10.1016/j.techfore.2016.09.022>

Ruby, M. (2016). E-tailing in India- Growth , Challenges and Opportunities. *Journal of Marketing and HR (JMHR)*, 2(1), 102–112. www.scitecresearch.com/journals/index.php/jmhr

Russell, D. M., & Hoag, A. M. (2004). People and information technology in the supply chain: Social and organizational influences on adoption. *International Journal of Physical Distribution & Logistics Management*, 34(2), 102–122. <https://doi.org/10.1108/09600030410526914>

Saaty, T. L. (2008). Decision Making with the Analytic Hierarchy Process. *International Journal Services*, 83–98.

Sakrabani, P., & Teoh, A. P. (2020). The Impact Of Retail 4.0 Technologies Adoption On Retailers' Performance In Malaysia. *European Proceedings of Social and Behavioural Sciences (EpSBS)*, 264–271. <https://doi.org/10.15405/epsbs.2020.03.03.33>

Sakrabani, P., Teoh, A. P., & Amran, A. (2019a). Strategic impact of retail 4.0 on retailers' performance in Malaysia. *Strategic Direction*, 35(11), 1–3. <https://doi.org/10.1108/SD-05-2019-0099>

Sakrabani, P., Teoh, A. P., & Amran, A. (2019b). Strategic impact of retail 4.0 on retailers ' performance in Malaysia. *Strategic Direction*, 35(11), 1–3. <https://doi.org/10.1108/SD-05-2019-0099>

Saldana, J. (2017). The Coding Manual for Qualitative Researchers (3rd edition). In *Qualitative Research in Organizations and Management: An International Journal* (Vol. 12, Issue 2). <https://doi.org/10.1108/qrom-08-2016-1408>

Sapry, H. R. M., Zakaria, N. M., Ahmad, A. R., & Ngadiman, N. I. (2022). The Influence of Demographic Factors and Customer Traits on Intention to Use Self-Service Checkout at Tesco Tebrau. *International Journal of Interactive Mobile Technologies*, 16(13), 175–183. <https://doi.org/10.3991/ijim.v16i13.30603>

Sarwoko, E. (2008). Dampak Modernisasi Keberadaan Pasar Modern terhadap Pedagang Pasar Tradisional di Wilayah Kabupaten Malang. *Jurnal Ekonomi Modernisasi*, 4(2), 97–115. <https://doi.org/10.21067/jem.v4i2.880>

- Schmidhuber, L., Maresch, D., & Ginner, M. (2020). Disruptive technologies and abundance in the service sector - toward a refined technology acceptance model. *Technological Forecasting and Social Change*, 155(June 2017), 119328. <https://doi.org/10.1016/j.techfore.2018.06.017>
- Seethamraju, R., & Diatha, K. S. (2018). Adoption of digital payments by small retail stores. *ACIS 2018 - 29th Australasian Conference on Information Systems, September 2018*, 1–11. <https://doi.org/10.5130/acis2018.as>
- Seminari, N. K., Rastini, N. M., & Sulistyawati, E. (2017). The Impact of Modern Retail on Traditional Retail Traders in The Mengwi, Badung District. *Udayana Journal of Social Sciences and Humanities (UJoSSH)*, 1(1), 35. <https://doi.org/10.24843/ujossh.2017.v01.i01.p05>
- Sethuraman, R., & Parasuraman, A. (2005). Succeeding in the Big Middle through technology. *Journal of Retailing*, 81(2 SPEC. ISS.), 107–111. <https://doi.org/10.1016/j.jretai.2005.03.003>
- Setiawan, W., & Pujiastutik, R. (2015). Penerapan Metode Fuzzy Analytical Hierarchy Process Untuk Pemilihan Supplier Batik Madura. *Prosiding SEMNASTEK Fakultas Teknik Universitas Muhammadiyah Jakarta*, 15(November), 1–6. <https://jurnal.umj.ac.id/index.php/semnastek>
- Shankar, S. K., Balasubramani, S., Basha, S. A., Ariz Ahamed, S., & Kumar Reddy, N. S. (2021). Smart Trolley for Smart Shopping with an Advance Billing System using IoT. *Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021, Iccmc*, 390–394. <https://doi.org/10.1109/ICCMC51019.2021.9418348>
- Shankar, V., Kalyanam, K., Setia, P., Golmohammadi, A., Tirunillai, S., Douglass, T., Hennessey, J., Bull, J. S., & Waddoups, R. (2021). How Technology is Changing Retail. *Journal of Retailing*, 97(1), 13–27. <https://doi.org/10.1016/j.jretai.2020.10.006>
- Sim, L.-L. (2000). Government Assistance for the Small Retailer: The Case of Singapore. *International Small Business Journal*, 18(2), 92–97. <https://doi.org/https://doi.org/10.1177/0266242600182005>
- Singh, G., Srivastav, S., Gupta, A., & Garg, V. (2020). Companies Adoption of IoT

- for Smart Retailing in Industry 4.0. *Proceedings of International Conference on Intelligent Engineering and Management, ICIEM 2020*, 487–492. <https://doi.org/10.1109/ICIEM48762.2020.9160272>
- Singh, N., & Sinha, N. (2020). How perceived trust mediates merchant's intention to use a mobile wallet technology. *Journal of Retailing and Consumer Services*, 52(June 2019). <https://doi.org/10.1016/j.jretconser.2019.101894>
- Singh, S., Misra, S. C., & Kumar, S. (2021). Institutionalization of Product Lifecycle Management in Manufacturing Firms. *IEEE Transactions on Engineering Management*, PP, 1–16. <https://doi.org/10.1109/TEM.2021.3097040>
- Singhal, C., Mahto, R. V., & Kraus, S. (2020). Technological Innovation, Firm Performance, and Institutional Context: A Meta-Analysis. *IEEE Transactions on Engineering Management*, 1–11. <https://doi.org/10.1109/tem.2020.3021378>
- Sinha, P. K., Gokhale, S., & Rawal, S. (2015). Online Retailing Paired with Kirana—A Formidable Combination for Emerging Markets. *Customer Needs and Solutions*, 2(4), 317–324. <https://doi.org/10.1007/s40547-015-0057-9>
- Sopha, B. M., Arvianto, A., & Tjahjono, B. (2022). Survival Strategies of Traditional Retailers during the COVID-19 Pandemic: Some Insights from a Developing Country. *Journal of Industrial Engineering and Management*, 15(2), 185–201. <https://doi.org/10.3926/jiem.3698>
- Sopha, B. M., Jie, F., & Himadhani, M. (2021). Analysis of the uncertainty sources and SMEs' performance. *Journal of Small Business and Entrepreneurship*, 33(1), 1–27. <https://doi.org/10.1080/08276331.2020.1764737>
- SRC. (2020). SRC. <https://src.id/>
- Stepcic, C., Kabanda, S., & Salah, K. (2016). The Institutionalisation of Mobile Payment Technologies in Kenya: Retailers' Persepctive. *ECIS 2016 Proceedings*, 12. http://aisel.aisnet.org/ecis2016_rp
- Stoel, L., Jeong, S. W., & Ernst, S. (2010). Beliefs of small, independently owned rural retailers about internet use: A typology. *Marketing Intelligence and Planning*, 28(1), 88–104. <https://doi.org/10.1108/02634501011014633>

- Stohr, E. A., & Zhao, J. L. (1997). A Technology Adaptation Model for Business Process Automation. *Proceedings of the Thirtieth Hawaii International Conference on System Sciences*, 4, 405–414.
<https://doi.org/10.1109/HICSS.1997.663413>
- Straub, E. T. (2009). Understanding technology adoption: Theory and future directions for informal learning. *Review of Educational Research*, 79(2), 625–649. <https://doi.org/10.3102/0034654308325896>
- Sujata, J., Mukul, P., & Hasandeep, K. (2019). Role of smart communication technologies for smart retailing. *International Journal of Innovative Technology and Exploring Engineering*, 8(6 Special Issue 4), 1015–1020.
<https://doi.org/10.35940/ijitee.F1209.0486S419>
- Sukmana, Y. (2019). *Mengangkat Derajat Warung Kelontong di Era Serba Online*. Ekonomi.Kompas.Com.
<https://ekonomi.kompas.com/read/2019/02/05/165941326/mengangkat-derajat-warung-kelontong-di-era-serba-online?page=all>
- Sunanto, S. (2012). Modern Retail Impact on Store Preference and Traditional Retailers in West Java. *Asian Journal of Business Research*, 2(2), 7–23.
<https://doi.org/10.14707/ajbr.120007>
- Supriyatna, I. (2019). *Aplikasi Ini Bantu Pecahkan Masalah yang Dihadapi Warung Kelontong*. Suara.Com.
<https://www.suara.com/bisnis/2019/12/03/122628/aplikasi-ini-bantu-pecahkan-masalah-yang-dihadapi-warung-kelontong>
- Suryanto, M., & Muhyi, H. A. (2018). *Profile and Problem of Micro, Small and Medium Enterprises in Bandung*. January, 1–6.
<https://doi.org/10.2991/icoposdev-17.2018.10>
- Suyono, E., Farooque, O. Al, & Riswan, R. (2016). Toward a model of traditional retailers and sellers empowerment in improving competitiveness against modern markets in banyumas region, Indonesia. *DLSU Business and Economics Review*, 25(2), 147–165.
- Tam, C., & Oliveira, T. (2016). Understanding the impact of m-banking on individual performance: DeLone & McLean and TTF perspective. *Computers*

- in Human Behavior*, 61, 233–244. <https://doi.org/10.1016/j.chb.2016.03.016>
- Teo, T. (2014). Unpacking teachers' acceptance of technology: Tests of measurement invariance and latent mean differences. *Computers & Education*, 75, 127–135. <https://doi.org/10.1016/j.compedu.2014.01.014>
- Teo, T. L., Chan, C., & Parker, C. (2004). Factors Affecting e-Commerce Adoption by SMEs: A Meta-Analysis. *Association for Information Systems Electronic Library (AISEL), ACIS 2004*(December), 54.
- Theotokis, A., Vlachos, P. A., & Pramataris, K. (2008). The moderating role of customer-technology contact on attitude towards technology-based services. *European Journal of Information Systems*, 17(4), 343–351. <https://doi.org/10.1057/ejis.2008.32>
- Thomas-Francois, K., & Somogyi, S. (2022). Consumers' intention to adopt virtual grocery shopping: do technological readiness and the optimisation of consumer learning matter? *International Journal of Retail and Distribution Management*, 50(5), 638–657. <https://doi.org/10.1108/IJRDM-06-2020-0206>
- Thong, J. Y. L. (2001). Resource constraints and information systems implementation in Singaporean small businesses. *Omega*, 29(July), 143–156. [https://doi.org/10.1016/S0305-0483\(00\)00035-9](https://doi.org/10.1016/S0305-0483(00)00035-9)
- Tornatzky, G., L., Fleischer, & M. (1990). The Processes of Technological Innovation, Lexington, MA: Lexington Books, 1990. *Technological Innovation*, January 1990.
- Tornatzky, L. G., & Klein, K. J. (1982). Innovation Characteristics and Innovation Adoption-Implementation: A Meta-Analysis Of Findings. *IEEE Transactions on Engineering Management*, EM-29(1). <https://doi.org/10.1109/TEM.1982.6447463>
- Toufaily, E., Zalan, T., & Dhaou, S. Ben. (2021). A framework of blockchain technology adoption: An investigation of challenges and expected value. *Information and Management*, 58(3), 103444. <https://doi.org/10.1016/j.im.2021.103444>
- Triandis, H. C. (1980). Values, attitudes, and interpersonal behavior. *Nebraska Symposium on Motivation. Nebraska Symposium on Motivation*, 27.

- Triono, R. A., Dalimunthe, Z., & Arif, H. (2018). Can Traditional Retailers Use Strategy To Fight Against Modern Attacks? *AFEBI Management and Business Review*, 3(1), 1. <https://doi.org/10.47312/ambr.v3i1.128>
- Tsai, M. C., Lee, W., & Wu, H. C. (2010). Determinants of RFID adoption intention: Evidence from Taiwanese retail chains. *Information and Management*, 47(5–6), 255–261. <https://doi.org/10.1016/j.im.2010.05.001>
- Utami, C. W. (2010). *Manajemen Ritel: Strategi dan Implementasi Ritel Modern*. Salemba Empat.
- Utomo, T. J. (2011). Persaingan Bisnis Ritel: Tradisional vs Modern (The Competition of Retail Business: Traditional vs Modern). *Fokus Ekonomi*, 6(1), 122–133.
- Vatanasakdakul, S., & D'Ambra, J. (2007). A conceptual model for e-commerce adoption in developing countries: A task-technology fit perspective. *International Journal of Information Technology and Management*, 6(2–4), 343–361. <https://doi.org/10.1504/ijitm.2007.014008>
- Vazquez, D., Dennis, C., & Zhang, Y. (2017). Understanding the effect of smart retail brand – Consumer communications via mobile instant messaging (MIM) – An empirical study in the Chinese context. *Computers in Human Behavior*, 77(2017), 425–436. <https://doi.org/10.1016/j.chb.2017.08.018>
- Vojvodić, K. (2019). Brick-and-mortar retailers: Becoming smarter with innovative technologies. *Strategic Management*, 24(2), 3–11. <https://doi.org/10.5937/straman1902003v>
- Wang, X., & Ng, C. T. (2020). New retail versus traditional retail in e-commerce: channel establishment, price competition, and consumer recognition. *Annals of Operations Research*, 291(1–2), 921–937. <https://doi.org/10.1007/s10479-018-2994-9>
- Wang, X., Wong, Y. D., Chen, T., & Yuen, K. F. (2021). Adoption of shopper-facing technologies under social distancing: A conceptualisation and an interplay between task-technology fit and technology trust. *Computers in Human Behavior*, 124(May), 106900. <https://doi.org/10.1016/j.chb.2021.106900>

- Wankhede, K., Wukkadada, B., & Nadar, V. (2018). Just Walk-Out Technology and its Challenges: A Case of Amazon Go. *2018 International Conference on Inventive Research in Computing Applications (ICIRCA)*, Icirca, 254–257.
- White, D. W., & Absher, K. (2007). Positioning of retail stores in Central and Eastern European accession states: Standardization versus adaptation. *European Journal of Marketing*, 41(3–4), 292–306. <https://doi.org/10.1108/03090560710728345>
- Whittemore, R., Chase, S. K., & Mandle, C. L. (2001). Validity in Qualitative Research. *Qualitative Health Research*, 11(4), 522–537. <https://doi.org/10.1177/1468794106065006>
- Widiastuti, T., Mihadja, E. J., & Agustini, P. M. (2020). *Smart City Branding Strategy of the Samarinda in East Kalimantan*. January, 238–245. <https://doi.org/10.5220/0009118902380245>
- Willems, K., Smolders, A., Brengman, M., Luyten, K., & Schöning, J. (2017). The path-to-purchase is paved with digital opportunities : An inventory of shopper-oriented retail technologies. *Technological Forecasting and Social Change*, 124, 228–242. <https://doi.org/10.1016/j.techfore.2016.10.066>
- Wolpert, S., & Roth, A. (2020). Development of a classification framework for technology based retail services: a retailers' perspective. *International Review of Retail, Distribution and Consumer Research*, 30(5), 498–538. <https://doi.org/10.1080/09593969.2020.1768575>
- Xia, L. (2021). Research on profit model of suning smart retail e-buy in digital ecology. *Journal of Physics: Conference Series*, 1915(4). <https://doi.org/10.1088/1742-6596/1915/4/042042>
- Xiaofeng, J., Peng, J., & Yun, Y. (2012). Understanding the complex nature of engineering technology selection: A new methodology based on systems thinking. *Systems Engineering Procedia*, 4(2011), 196–202. <https://doi.org/10.1016/j.sepro.2011.11.066>
- Yaseen, H., Dingley, K., Alhusban, M., & Alhosban, A. (2017). E-Commerce Adoption Model for Traditional Retailers in Developing Countries. *International Journal for Infonomics*, 10(2), 1296–1306.

<https://doi.org/http://dx.doi.org/10.20533/iji.1742.4712.2017.0159>

Yun, Z. S., Pysarchik, D. T., & Srivastava Dabas, C. (2012). The Determinants of Retail Loyalty of Indian Consumers. *Journal of Food Products Marketing*, 18(4), 268–286. <https://doi.org/10.1080/10454446.2012.684329>

Yuningsih, N. (2022). *Retail Foods in Indonesia*.

Zargham, A., Haq, I. U., Alshloul, T., Riaz, S., Husnain, G., Assam, M., Ghadi, Y. Y., & Mohamed, H. G. (2023). Revolutionizing Small-Scale Retail: Introducing an Intelligent IoT-based Scale for Efficient Fruits and Vegetables Shops. *Applied Science*, 13, 8092. <https://doi.org/https://doi.org/10.3390/app13148092>

Zhang, X., Jiang, S., Ordóñez de Pablos, P., Lytras, M. D., & Sun, Y. (2017). How virtual reality affects perceived learning effectiveness: a task–technology fit perspective. *Behaviour and Information Technology*, 36(5), 548–556. <https://doi.org/10.1080/0144929X.2016.1268647>

Zhao, Y., & Bacao, F. (2020). What factors determining customer continuingly using food delivery apps during 2019 novel coronavirus pandemic period? *International Journal of Hospitality Management*, 91(August), 102683. <https://doi.org/10.1016/j.ijhm.2020.102683>

Zhu, L., Wang, P., & Xi, S. (2018). Mean-variance analysis of retailers deploying RFID-enabled smart shelves. *Information (Switzerland)*, 9(2). <https://doi.org/10.3390/info9020040>

Zhu, Z., Nakata, C., Sivakumar, K., & Grewal, D. (2013). Fix It or Leave It? Customer Recovery from Self-service Technology Failures. *Journal of Retailing*, 89(1), 15–29. <https://doi.org/10.1016/j.jretai.2012.10.004>