

DAFTAR PUSTAKA

- Abhari, K., Ostroff, C., Barcellos, B., & Williams, D. (2021). *Co-Governance in Digital Transformation Initiatives: The Roles of Digital Culture and Employee Experience*. Paper presented at the Proceedings of the 54th Hawaii International Conference on System Sciences.
- Aghimien, D. O., Aigbavboa, C. O., & Oke, A. E. (2020). Critical success factors for digital partnering of construction organisations—A Delphi study. *Engineering, Construction, and Architectural Management*.
- Ahmed, P. K., Rafiq, M., & Saad, N. M. (2003). Internal marketing and the mediating role of organisational competencies. *European Journal of Marketing*, 37. doi:10.1108/03090560310486960
- Akhtar, C. S., Awan, S. H., Naveed, S., & Ismail, K. (2018). A comparative study of the application of systems thinking in achieving organizational effectiveness in Malaysian and Pakistani banks. *International Business Review*, 27(4), 767-776. doi:10.1016/j.ibusrev.2018.01.001
- Akmajian, A., Farmer, A. K., Bickmore, L., Demers, R. A., & Harnish, R. M. (2010). *Linguistics: An introduction to language and communication 6th edition*: MIT press.
- Aksu, A. A., & Özdemir, B. (2005). Individual learning and organization culture in learning organizations. *Managerial Auditing Journal*.
- Al Hamed, T., & Alenezi, M. (2016). Business continuity management & disaster recovery capabilities in Saudi Arabia ICT Businesses. *International Journal of Hybrid Information Technology*, 9(11), 99-126.
- Alegre, J., & Chiva, R. (2013). Linking entrepreneurial orientation and firm performance: The role of organizational learning capability and innovation performance. *Journal of Small Business Management*, 51(4), 491-507.
- Algarni, F., Ullah, A., & Aloufi, K. (2019). *Enhancing the Linguistic Landscape with the Proper Deployment of the Internet of Things Technologies: A Case Study of Smart Malls*. Paper presented at the Proceedings of the Future Technologies Conference, San Fransisco.
- Ali, I., Musawir, A. U., & Ali, M. (2018). Impact of knowledge sharing and absorptive capacity on project performance: the moderating role of social processes. *Journal of Knowledge Management*. doi:10.1108/JKM-10-2016-0449
- Allen, R. (2019). Transformational and digital change: a UK perspective. *Organisational Social Dynamics*, 19(2), 143-167. doi:10.33212/osd.v19n2.2019.143
- Alos-Simo, L., Verdu-Jover, A. J., & Gomez-Gras, J.-M. (2017). How transformational leadership facilitates e-business adoption. *Industrial Management & Data Systems*. doi:10.1108/IMDS-01-2016-0038
- Alos-Simo, L., Verdu-Jover, A. J., & Gomez-Gras, J.-M. (2017). How transformational leadership facilitates e-business adoption. *Industrial Management Data Systems*, 117(2), 382-397.

- Alrawadieh, Z., Alrawadieh, Z., & Cetin, G. (2020). Digital transformation and revenue management: Evidence from the hotel industry. *Tourism Economics*, 1-18. doi:10.1177/1354816620901928
- Alzubi, Y., Malkawi, A. B., & Habib, M. (2019). Organizational health: The role of technology disruption and competency adequacy in Jordanian construction sector. *International Journal of Innovative Technology Exploring Engineering*, 8, 5475-5482.
- Andre, L., Michael, B., Daniel, R., & Christian, K. (2018). *Framework for the identification and demand-orientated classification of digital technologies*. Paper presented at the 2018 IEEE International Conference on Technology Management, Operations and Decisions (ICTMOD), Marrakech.
- Andriole, S. J. (2017). Five myths about digital transformation. *MIT Sloan Management Review*, 58(3).
- Andriole, S. J. (2018). Skills and competencies for digital transformation. *IT Professional*, 20(6), 78-81.
- Anna, V., Tatyana, K., Oxana, F., Vladimir, T., & Elena, Z. (2018). *The Innovative Potential of Digital Transformation of the Russian Higher Education System: Trends of the Competence Approach*. Paper presented at the International Conference on the Theory and Practice of Personality Formation in Modern Society (ICTPPFMS 2018).
- Argento, N. (2020). *Institutional ELN/LIMS deployment: Highly customizable ELN/LIMS platform as a cornerstone of digital transformation for life sciences research institutes* (1469-221X). Retrieved from
- Argote, L., & Ingram, P. (2000). Knowledge transfer: A basis for competitive advantage in firms. *Organizational behavior human decision processes*, 82(1), 150-169.
- Arifin, A. H., Raza, H., Saputra, J., & Puteh, A. (2020). The Influence Of Recruitment And Career Development Towards Employee Performance: A Mediating Role Of Competence. *Journal of Talent Development Excellence*, 12(1), 1040-1055.
- Arkhipova, D., & Bozzoli, C. (2018). Digital Capabilities. In *CIOs and the Digital Transformation* (pp. 121-146): Springer.
- Aron, D., & Waller, G. (2014). *Taming the digital dragon: The 2014 CIO agenda*. Retrieved from
- Arribas, V., & Alfaro José, A. (2018). 3D technology in fashion: from concept to consumer. *Journal of Fashion Marketing and Management: An International Journal*, 22(2), 240-251. doi:10.1108/JFMM-10-2017-0114
- Ayoku, O. A., & Okafor, V. N. (2015). ICT skills acquisition and competencies of librarians: Implications for digital and electronic environment in Nigerian universities libraries. *The Electronic Library*.
- Baculard, L.-P., Colombani, L., Flam, V., Lancry, O., & Spaulding, E. (2017). Orchestrating a successful digital transformation. *Bain & Company*, 22.
- Banaeianjahromi, N. (2018). *Where enterprise architecture development fails a multiple case study of governmental organizations*. Paper presented at the 2018 12th International Conference on Research Challenges in Information Science (RCIS), Nantes, France.
- Bandura, A. (1977). Self-efficacy: toward a unifying theory of behavioral change. *Psychological Review*, 84(2), 191.

- Barann, B., Hermann, A., Cordes, A.-K., Chasin, F., & Becker, J. (2019). *Supporting digital transformation in small and medium-sized enterprises: a procedure model involving publicly funded support units*. Paper presented at the Proceedings of the 52nd Hawaii International Conference on System Sciences.
- Barthel, P. (2021, 9-11 March 2021). *What is Meant by Digital Transformation Success? Investigating the Notion in IS Literature*. Paper presented at the Wirtschaftsinformatik, Essen.
- Bartolomé, J., de Soria, I. M., Jakobsone, M., Fernández, A., Ruseva, G., Koutoudis, P., . . . Vaquero, M. (2018). *Developing a digital competence assessment and accreditation platform for digital profiles*. Paper presented at the Proceedings of the 12th International Technology, Education and Development Conference (INTED), Valencia, Spain.
- Bauer, W., Schlund, S., & Vocke, C. (2017). *Working life within a hybrid world—how digital transformation and agile structures affect human functions and increase quality of work and business performance*. Paper presented at the International Conference on Applied Human Factors and Ergonomics, Los Angeles.
- Baumgarten, J., Duncan, G., Keith, D., Laudico, A. T., & Nadherny, C. (2014). Designing the Organization for digital. *Point of View*.
- Bautista, A., León, A., Rojas, J., & Raymundo, C. (2019). *Strategic Planning Model to Increase the Profitability of an HR Outsourcing SME Through Digital Transformation*. Paper presented at the International Conference on Human Interaction and Emerging Technologies, Nice, France.
- Bayiley, Y. T., & Teklu, G. K. (2016). Success factors and criteria in the management of international development projects. *International Journal of Managing Projects in Business*. doi:10.1108/IJMPB-06-2015-0046
- Belout, A. (1998). Effects of human resource management on project effectiveness and success: toward a new conceptual framework. *International Journal of Project Management*, 16(1), 21-26.
- Bennis, W. (2013). Leadership in a digital world: embracing transparency and adaptive capacity. *MIS Quarterly*, 37(2), 635-636.
- Bensberg, F., Buscher, G., & Czarnecki, C. (2019). Digital transformation and IT topics in the consulting industry: a labor market perspective. In *Advances in Consulting Research* (pp. 341-357): Springer.
- Berg, S. A., & Chyung, S. Y. (2008). Factors that influence informal learning in the workplace. *Journal of Workplace Learning*, 20(4), 229-244.
- Berman, S. J. (2012). Digital transformation: opportunities to create new business models. *Strategy & Leadership*, 40(2), 16-24. doi:10.1108/10878571211209314
- Bettoni, M., Bernhard, W., Bittel, N., & Mirata, V. (2018). *The art of new Collaboration: Three Secrets*. Paper presented at the 2019. Proc. of the 19th European Conference on Knowledge Management (ECKM 2018), University of Padua, Italy.
- Bharadwaj, A., El Sawy, O. A., Pavlou, P. A., & Venkatraman, N. J. M. q. (2013). Digital business strategy: toward a next generation of insights. 471-482.
- Bidang-Statistik-Industri. (2019). *Direktori Industri Manufaktur Besar Sedang Provinsi Jawa Tengah 2018* Badan Pusat Statistik Provinsi Jawa Tengah
- Boatca, M. E., Draghici, A., Carutasu, N. J. P.-S., & Sciences, B. (2018). A knowledge management approach for ergonomics implementation within organizations. 238, 199-206.

- Bolton, A., Murray, M., & Fluker, J. (2017). *Transforming the workplace: Unified communications & collaboration usage patterns in a large automotive manufacturer*. Paper presented at the Proceedings of the 50th Hawaii International Conference on System Sciences, Waikoloa Beach, Hawaii.
- Bonert, F. (2019). *Facilitating the Digital Transformation of Building Design and Engineering Companies by Transferring Knowledge across Projects*.
- Borcan, I. (2021). The Role of Dynamic Capabilities, Business Model and Organizational Culture in the Digital Transformation of A Traditional Organization. *Management Marketing Journal*, 19(1).
- Bordeleau, F.-E., Mosconi, E., & de Santa-Eulalia, L. A. (2020). Business intelligence and analytics value creation in Industry 4.0: a multiple case study in manufacturing medium enterprises. *Production Planning Control*, 31(2-3), 173-185.
- Borowiecki, M., Machado, D., Paunov, C., & Planes-Satorra, S. (2019). Supporting research for sustainable development. *OECD Science, Technology and Industry Policy*(78). doi:<https://doi.org/10.1787/6c9b7be4-en>
- Bosancic, B. (2016). Information in the knowledge acquisition process. *Journal of documentation*, 72(5), 930-960. doi:10.1093/jd/72.5.930
- Bounfour, A. (2016). *Digital Futures, Digital Transformation*. London: Springer Cham.
- Bovey, W. H., & Hede, A. (2001). Resistance to organizational change: the role of cognitive and affective processes. *Leadership Organization Development Journal*.
- Bowersox, D. J., Closs, D. J., & Drayer, R. W. (2005). The digital transformation: technology and beyond. *Supply Chain Management Review*, 9(1), 22-29.
- Brick, J. M., & Tourangeau, R. (2017). Responsive survey designs for reducing nonresponse bias. *Journal of Official Statistics*, 33(3), 735-752.
- Brown, A., Fishenden, J., & Thompson, M. (2014). Organizational Structures and Digital Transformation. In *Digitizing Government* (pp. 165-183): Springer.
- Brown, J. D. (2011). Likert items and scales of measurement. *Statistics*, 15(1), 10-14.
- Brunet, M., Motamedi, A., Guénette, L.-M., & Forgues, D. (2019). Analysis of BIM use for asset management in three public organizations in Québec, Canada. *Built Environment Project Asset Management*.
- Brunetti, F., Matt, D. T., Bonfanti, A., De Longhi, A., Pedrini, G., & Orzes, G. (2020). Digital transformation challenges: strategies emerging from a multi-stakeholder approach. *The TQM Journal*. doi:10.1108/TQM-12-2019-0309
- Bughin, J. (2017). Digital success requires a digital culture. *McKinsey & Company*. Retrieved from <https://www.mckinsey.com/business-functions/strategy-and-corporate-finance/our-insights/the-strategy-and-corporate-finance-blog/digital-success-requires-a-digital-culture>
- Bughin, J., Deakin, J., & O'Beirne, B. (2019). Digital transformation: Improving the odds of success. *McKinsey Quarterly*, 1-5.
- Bughin, J., Holley, A., Mellbye, A., Gottlieb, J., & Rutten, E. (2015). *Cracking the digital code—McKinsey Global Survey results*. Retrieved from
- Bunch, T. (2018). *Advocating for Strategic it: Phenomenological Study of Nonprofit it Leaders*. Capella University,
- Burton-Jones, A., Akhlaghpour, S., Ayre, S., Barde, P., Staib, A., & Sullivan, C. (2020). Changing the conversation on evaluating digital transformation in healthcare:

- Insights from an institutional analysis. *Information Organization*, 30(1), 100255. doi:<https://doi.org/10.1016/j.infoandorg.2019.100255>
- Busca, L., & Bertrandias, L. (2020). A Framework for Digital Marketing Research: Investigating the Four Cultural Eras of Digital Marketing. *Journal of Interactive Marketing*, 49, 1-19.
- Büschgens, T., Bausch, A., & Balkin, D. B. (2013). Organizational culture and innovation: A meta-analytic review. *Journal of Product Innovation Management*, 30(4), 763-781.
- Butschan, J., Heidenreich, S., Weber, B., & Kraemer, T. (2019). Tackling hurdles to digital transformation—The role of competencies for successful industrial internet of things (IIoT) implementation. *International Journal of Innovation Management*, 23(04), 1950036.
- Buvat, J., Solis, B., Crummenerl, C., Aboud, C., Kar, K., El Aoufi, H., & Sengupta, A. (2017). The Digital Culture Challenge: Closing the Employee-Leadership Gap. *Hg. v. Capgemini*.
- Büyüközkan, G., Feyzioglu, O., & Havle, C. A. (2019). *Analysis of success factors in aviation 4.0 using integrated intuitionistic fuzzy MCDM methods*. Paper presented at the International Conference on Intelligent and Fuzzy Systems, Istanbul.
- Bygstad, B., Aanby, H.-P., & Iden, J. (2017). *Leading digital transformation: The Scandinavian way*. Paper presented at the Scandinavian conference on information systems.
- Cahyoputra, L. A. (2021). Harga Bahan Baku Plastik Melonjak 14%. *Investor.id*. Retrieved from <https://investor.id/business/240280/harga-bahan-baku-plastik-melonjak-14>
- Caluri, L., Jianu, M., Cerioli, P., & Silvestri, G. B. (2019). *Open Innovation as Enabling Paradigm to Empower Digital Transformation in Oil & Gas Organizations*. Paper presented at the Abu Dhabi International Petroleum Exhibition & Conference, Abu Dhabi.
- Cameron, K. (2015). Organizational effectiveness. *Wiley Encyclopedia of Management*, 1-4.
- Cameron, K. S., & Freeman, S. J. (1991). Cultural congruence, strength, and type: relationships to effectiveness. *Research in Organizational Change and Development*, 5, 23-58.
- Carcary, M., & Doherty, E. (2016). *'The Digital Wild West': Managing the Risks of Digital Disruption*. Paper presented at the The European Conference on Information Systems Management.
- Carcary, M., Doherty, E., & Conway, G. (2016). *A dynamic capability approach to digital transformation: a focus on key foundational themes*. Paper presented at the The 10th European Conference on Information Systems Management, Portugal.
- Cargnello, D. P., & Flumian, M. (2017). Canadian governance in transition: Multilevel governance in the digital era. *Canadian public administration*, 60(4), 605-626.
- Carrasqueiro, S., Monteiro, M. H., Pereira, R., Pereira, C., & Martins, H. (2018). *Dematerialization of the medical certificate for driving license in Portugal: a case study of success factors of whole-of-Government e-Government initiatives*. Paper presented at the Proceedings of the 11th International Conference on Theory and Practice of Electronic Governance, Galway, Ireland.

- Casey, E., & Souvignet, T. R. (2020). Digital transformation risk management in forensic science laboratories. *Forensic Science International*, 316, 110486.
- Catlin, T., Scanlan, J., & Willmott, P. (2015). Raising your digital quotient. *McKinsey Quarterly*, 1, 1-14.
- Cetindamar, D., Abedin, B., & Shirahada, K. (2021). The Role of Employees in Digital Transformation: A Preliminary Study on How Employees' Digital Literacy Impacts Use of Digital Technologies. *IEEE Transactions on Engineering Management*.
- Chang, S. C., & Lee, M. S. (2007). A study on relationship among leadership, organizational culture, the operation of learning organization and employees' job satisfaction. *The Learning Organization*.
- Chaston, I., Badger, B., Mangles, T., & Sadler-Smith, E. (2001). Organisational learning style, competencies and learning systems in small, UK manufacturing firms. *International Journal of Operations Production Management*.
- Chatfield, A., Reddick, C., & Al-Zubaidi, W. (2015). *Capability challenges in transforming government through open and big data: Tales of two cities*. Paper presented at the Thirty Sixth International Conference on Information Systems, Fort Worth, Texas.
- Chatfield, A. T., & Reddick, C. G. (2020). Collaborative Network Governance Framework for Aligning Open Justice and e-Justice Ecosystems for Greater Public Value. *Social Science Computer Review*, 38(3), 252-273.
- Che, G., & Bao, H. (2019). *Government Information System Audit Should Focus on E-government*. Paper presented at the 2nd International Seminar on Education Research and Social Science (ISERSS 2019).
- Chen, I.-S. (2017). Computer self-efficacy, learning performance, and the mediating role of learning engagement. *Computers in Human Behavior*, 72, 362-370.
- Chernova, L., Mazurkevych, O., & Chernova, L. (2018). The model of assessing the general intensity of resistance to changes in an organization. *Innovative Technologies Scientific Solutions for Industries*(4 (6)), 77-83.
- Cichosz, M., Wallenburg, C. M., & Knemeyer, A. M. (2020). Digital transformation at logistics service providers: barriers, success factors and leading practices. *The International Journal of Logistics Management*.
- Cirillo, V., Fanti, L., Mina, A., & Ricci, A. (2020). Digitizing firms: skills, work organization and the adoption of new enabling technologies. *Istituto nazionale per l'analisi delle politiche pubbliche*.
- Clason, D. L., & Dormody, T. J. (1994). Analyzing data measured by individual Likert-type items. *Journal of agricultural education*, 35(4), 4.
- Cohen, W. M., & Levinthal, D. A. (1989). Innovation and learning: the two faces of R & D. *The economic journal*, 99(397), 569-596.
- Conlon, J. (2020). From PLM 1.0 to PLM 2.0: the evolving role of product lifecycle management (PLM) in the textile and apparel industries. *Journal of Fashion Marketing Management: An International Journal*.
- Correani, A., De Massis, A., Frattini, F., Petruzzelli, A. M., & Natalicchio, A. (2020). Implementing a Digital Strategy: Learning from the Experience of Three Digital Transformation Projects. *California Management Review*, 1-20.
- Corso, M., Giovannetti, G., Guglielmi, L., & Vaia, G. (2018). Conceiving and implementing the digital organization. In G. Bongiorno (Ed.), *CIOs and the Digital Transformation* (pp. 181-203): Springer.

- Cortellazzo, L., Bruni, E., & Zampieri, R. (2019). The role of leadership in a digitalized world: a review. *Front Psychol*, *10*, 1938.
- Cruz, A. T., & O'Neill, H. (2018). *Digital Transformation in the Healthcare Sector—Innovation in the Purchasing Process*. Paper presented at the 18th Conference of the Portuguese Information Systems Association, Portugal.
- Curran, V., Gustafson, D. L., Simmons, K., Lannon, H., Wang, C., Garmsiri, M., . . . Wetsch, L. (2019). Adult learners' perceptions of self-directed learning and digital technology usage in continuing professional education: An update for the digital age. *Journal of Adult Continuing Education*, *25*(1), 74-93.
- Daghfous, A. (2004). An empirical investigation of the roles of prior knowledge and learning activities in technology transfer. *Technovation*, *24*(12), 939-953.
- Dalcher, D. (2012). The nature of project management: a reflection on the anatomy of major projects by Morris and Hough. *International Journal of Managing Projects in Business*, *5*(4), 643-660. doi:<http://dx.doi.org/10.1108/17538371211268960>
- Damanpour, F., & Evan, W. M. (1984). Organizational innovation and performance: the problem of "organizational lag". *Administrative Science Quarterly*, 392-409.
- Das, A., Narasimhan, R., & Talluri, S. (2006). Supplier integration—finding an optimal configuration. *Journal of Operations Management*, *24*(5), 563-582.
- Dasgupta, S., Agarwal, D., Ioannidis, A., & Gopalakrishnan, S. (1999). Determinants of information technology adoption: An extension of existing models to firms in a developing country. *Journal of Global Information Management*, *7*(3), 30-40. doi:10.4018/jgim.1999070103
- Dasgupta, S., & Gupta, B. (2010). *Organizational Culture and Technology Use in a Developing Country: An Empirical Study*. Paper presented at the Proceedings of SIG GlobDev Third Annual Workshop, Saint Louis, USA.
- Davenport, T. H., & Westerman, G. (2018, March 9, 2018). Why so many high-profile digital transformations fail. *Harvard Business Review*. Retrieved from <https://hbr.org/2018/03/why-so-many-high-profile-digital-transformations-fail>
- Day, G. S., & Schoemaker, P. J. (2016). Adapting to fast-changing markets and technologies. *California Management Review*, *58*(4), 59-77.
- De la Boutetière, H., Montagner, A., & Reich, A. (2018). Unlocking success in digital transformations. Retrieved from <https://www.mckinsey.com/business-functions/organization/our-insights/unlocking-success-in-digital-transformations#>
- de Luca Pretto, N., & Bailey, O. G. (2011). Digital culture in Brazil: Building peeracy? *International Journal of Media Cultural Politics*, *6*(3), 265-281.
- Debiche, C., Boisard, A.-S., Bouteiller, S., Altorfer, Y., & Dewandre, B. (2014). *The CIGREF Digital Culture Reference Framework*. In.
- Dekker, M., & Thakkar, A. (2018). *Digitalisation—The Next Frontier for the Offshore Industry*. Paper presented at the Offshore technology conference, Houston, Texas.
- Deloitte. (2019). The Role of Culture in Digital Transformation. *The Wall Street Journal*. Retrieved from <https://deloitte.wsj.com/articles/the-role-of-culture-in-digital-transformation-01563498125>
- DeLone, W., Migliorati, D., & Vaia, G. (2018). Digital IT governance. In *CIOs and the Digital Transformation* (pp. 205-230): Springer.

- Demaj, E., Hysa, X., & Sadaj, A. (2020). Digital Transformation in the Drugstore Industry: A Case Study. *European Journal of Economics Business Studies*, 6(1), 63-74.
- Demigha, S. (2018). *Big Data, Knowledge Management (KM) and Case-Based Reasoning (CBR)*. Paper presented at the European Conference on Knowledge Management.
- Denison, D. R., & Mishra, A. K. (1995). Toward a theory of organizational culture and effectiveness. *Organization Science*, 6(2), 204-223.
- Denner, M.-S. (2020). *Digitalization of Business Processes: Methods and Frameworks for Project Selection and Implementation*. (Doctorate), Universität Bayreuth,
- Dittes, S., Richter, S., Richter, A., & Smolnik, S. (2019). Toward the workplace of the future: How organizations can facilitate digital work. *Business Horizons*.
- Dobrolyubova, E., Alexandrov, O., & Yefremov, A. (2017). *Is Russia ready for digital transformation?* Paper presented at the International Conference on Digital Transformation and Global Society.
- Doherty, E., Carcary, M., & Conway, G. (2016). *Development of an IT Strategic Planning Capability for the Digital Age*. Paper presented at the 10th European Conference on Information Systems Management: ECISM 2016.
- Doolen, T. L., Hacker, M. E., & Van Aken, E. M. (2003). The impact of organizational context on work team effectiveness: A study of production team. *IEEE Transactions on Engineering Management*, 50(3), 285-296.
- Dorasamy, N. (2021). The Search for Talent Management Competence: Incorporating Digitalization. *International Journal of Entrepreneurship*, 25(3), 1-21.
- Dremel, C., Wulf, J., Herterich, M. M., Waizmann, J.-C., & Brenner, W. (2017). How AUDI AG Established Big Data Analytics in Its Digital Transformation. *MIS Quarterly Executive*, 16(2).
- Driscoll, J. W. (1985). Working Creatively with a Union: Lessons from the Scanlon Plan. In M. Beer & B. Spector (Eds.), *Readings in Human Resource Management* (pp. 452). New York: The Free Press.
- Duerr, S., Holotiuik, F., Wagner, H.-T., Beimbom, D., & Weitzel, T. (2018). *What is digital organizational culture? Insights from exploratory case studies*. Paper presented at the Proceedings of the 51st Hawaii International Conference on System Sciences.
- Duprez, V., Vandecasteele, T., Verhaeghe, S., Beeckman, D., & Van Hecke, A. (2017). The effectiveness of interventions to enhance self-management support competencies in the nursing profession: a systematic review. *Journal of Advanced Nursing*, 73(8), 1807-1824.
- Ebrahimi, M., Baboli, A., & Rother, E. (2019). *Industrial excellence and industry 4.0: Management concepts evolution - Case study in automotive industry*. Paper presented at the IFAC PapersOnLine Cranfield, United Kingdom.
- Eckhart, M., Brenner, B., Ekelhart, A., & Weippl, E. R. (2019). Quantitative Security Risk Assessment for Industrial Control Systems: Research Opportunities and Challenges. *Journal of Internet Services and Information Security*, 9(3), 52-73.
- Eden, R., Burton-Jones, A., & Donovan, R. (2019). *Testing the Links from Fit to Effective Use to Impact: A Digital Hospital Case*. Paper presented at the ICIS.
- Eden, R., Burton-Jones, A., Grant, J., Staib, A., & Sullivan, C. (2019). Digitising an Australian university hospital: Qualitative analysis of staff-reported impact. *Australian Health Review*. doi:10.1071/AH18218

- Elacio, A. A., Balazon, F. G., & Lacatan, L. L. (2020). Digital transformation in managing employee retention using agile and C4.5 algorithm. *TEST Engineering & Management*(January – February 2020), 15217 - 15225.
- Ellis, A., & Heneghan, L. (2017). *Navigating Uncertainty*. Retrieved from <https://assets.kpmg/content/dam/kpmg/xx/pdf/2017/07/harvey-nash-kpmg-cio-survey-2017.pdf>
- Estriegana, R., Medina-Merodio, J. A., & Barchino, R. (2019). Analysis of competence acquisition in a flipped classroom approach. *Computer Applications in Engineering Education*, 27(1), 49-64.
- Fechtelper, C., Kuehn, A., & Dumitrescu, R. (2017). *Integrated Technology Transfer Concept For Fostering Innovation in SMEs - Contribution*. Paper presented at the 26th International Association for Management of Technology Conference IAMOT 2017, Vienna, Austria.
- Fenwick, M., McCahery, J., & Vermeulen, E. (2019). The End of 'Corporate' Governance: Hello 'Platform' Governance. *European Business Organization Law Review*.
- Ferdinand, A. (2014a). *Metode penelitian manajemen : Pedoman penelitian untuk penulisan skripsi, tesis dan disertasi ilmu manajemen - Management Research Method: a research guidance for writing thesis and dissertation in management science* (Vol. 5). Semarang: Undip Press - Badan Penerbitan Undip.
- Ferdinand, A. (2014b). *Structural Equation Modelling Dalam Penelitian Manajemen*: Fakultas Ekonomi dan Bisnis Universitas Diponegoro.
- Ferreira, M. J., Moreira, F., Pereira, C. S., & Durão, N. (2020). *The digital transformation at organizations—the case of retail sector*. Paper presented at the World Conference on Information Systems and Technologies, Budva, Montenegro.
- Ferreira, M. J., Moreira, F., & Seruca, I. (2017). *Organizational Training within Digital Transformation: The ToOW Model*. Paper presented at the 19th International Conference on Enterprise Information Systems (ICEIS 2017)
- Fiedler, S. (2010). Managing resistance in an organizational transformation: A case study from a mobile operator company. *International Journal of Project Management*, 28(4), 370-383. doi:10.1016/j.ijproman.2010.02.004
- Field, A. (2018). *Discovering statistics using IBM SPSS statistics 5th ed*. London: Sage.
- Fischer, M., Imgrund, F., Janiesch, C., & Winkelmann, A. (2018). Approaching Digitalization with Business Process Management. *Multikonferenz Wirtschaftsinformatik*.
- Fitzgerald, M. (2014). Inside Renault's digital factory. *MIT Sloan Management Review*, 55(3), 1.
- Fitzgerald, M., Kruschwitz, N., Bonnet, D., & Welch, M. (2013). Embracing digital technology: A new strategic imperative. *MIT Sloan Management Review*, 55(2), 1.
- Folmer, D. (2021). *The success of digital transformation Organisation member involvement in digital transformation in logistical processes*. (Master), Radboud University Nijmegen,
- Frankiewicz, B., & Chamorro-Premuzic, T. (2020). Digital transformation is about talent, not technology. *Harvard Business Review*, 6, 3.
- Furey, M., & Rixon, D. (2019). Who's the Boss in Risky Business? Clarity around responsibility for decision making becomes critical during a crisis. *American Journal of Management*, 19(3), 64-80.

- Fusko, M., Buckova, M., Krajcovic, M., & Svitek, R. (2019). The strategy for implementation of the digitization in factories. *Transportation research procedia*, 40, 1045-1052.
- Gamache, S., Abdul-Nour, G., & Baril, C. (2019). Development of a Digital Performance Assessment Model for Quebec Manufacturing SMEs. *Procedia Manufacturing*, 38, 1085-1094.
- Garcia, J. M. S., & Jerez, D. P. (2019). Agro-food projects: analysis of procedures within digital revolution. *International Journal of Managing Projects in Business*, 13(3), 648-664.
- Gebhardt, J., Grimm, A., & Neugebauer, L. M. (2015). Developments 4.0 Prospects on future requirements and impacts on work and vocational education. *Journal of technical education*, 3(2), 117-133.
- Gebhart, M., Giessler, P., & Abeck, S. (2016). *Challenges of the digital transformation in software engineering*. Paper presented at the 11th International Conference on Software Engineering Advances, Rome, Italy.
- George, J. M., & Jones, G. R. (2001). Towards a process model of individual change in organizations. *Human Relations*, 54(4), 419-444.
- Gilch, P. M., & Sieweke, J. (2021). Recruiting digital talent: The strategic role of recruitment in organisations' digital transformation. *German Journal of Human Resource Management*, 35(1), 53-82.
- Gobble, M. M. (2018). Digital strategy and digital transformation. *Research-Technology Management*, 61(5), 66-71.
- Gokdas, I., & Torun, F. (2017). *Examining the impact of instructional technology and material design courses on technopedagogical education competency acquisition according to different variables*. Paper presented at the 8th International Symposium on Computer and Instructional Technologies, Turkey.
- Goran, J., LaBerge, L., & Srinivasan, R. (2017). Culture for a digital age. *McKinsey Quarterly*, 1-10.
- Gorecky, D., Romero, D., & Kim, D. Y. (2019). *Accelerating Technological Advancement and Adoption of Industry 4.0 Technologies: Smart-Factory Labs, Digital Capability Centers and Lighthouses Networks*. Paper presented at the International Congress and Conferences on Computational Design and Engineering.
- Granado-Alcón, M. d. C., Gómez-Baya, D., Herrera-Gutiérrez, E., Vélez-Toral, M., Alonso-Martín, P., & Martínez-Frutos, M. T. (2020). Project-Based Learning and the Acquisition of Competencies and Knowledge Transfer in Higher Education. *Sustainability*, 12. doi:10.3390/su122310062
- Grant, R. M. (1996). Toward a knowledge-based theory of the firm. *Strategic Management Journal*, 17(S2), 109-122.
- Gretchenko, A., Gorokhova, I., Demenko, O., & Gretchenko, A. (2018). Digital Economy: Challenges and Threats for Modern Russia. *Journal of Advanced Research in Law Economics*, 9(4 (34)), 1243-1248.
- Gubernatorov, A. M., Stelmashenko, N. D., Ulanov, E. A., Chekushov, A. A., & Mayorov, Y. N. (2019). *Development of the Mechanism of Formation of Effective Digital Platform in the Glass Industry and Estimation of the Efficiency of Its Realization*. Paper presented at the Institute of Scientific Communications Conference.
- Gudergan, G., Mugge, P., Kwiatkowski, A., Abbu, H., Michaelis, T. L., & Krechting, D. (2019). *Patterns of Digitization—What differentiates digitally mature*

- organizations?* Paper presented at the 2019 IEEE International Conference on Engineering, Technology and Innovation (ICE/ITMC).
- Guimaraes, T., & Armstrong, C. (1998). Empirically testing the impact of change management effectiveness on company performance. *European Journal of Innovation Management*.
- Guinan, P. J., Parise, S., & Langowitz, N. (2019). Creating an innovative digital project team: Levers to enable digital transformation. *Business Horizons*, 62(6), 717-727.
- Gulati, H. G., McMullen, J. M., & Awad, M. (2020). *Refinery Digital Transformation: Driving an End-to-End Value Chain Optimization Strategy with AI and Prescriptive Models*. Paper presented at the Abu Dhabi International Petroleum Exhibition & Conference, Abu Dhabi.
- Güler, M., Mukul, E., & Büyüközkan, G. (2019). *Analysis of e-government strategies with hesitant fuzzy linguistic multi-criteria decision making techniques*. Paper presented at the International Conference on Intelligent and Fuzzy Systems, Istanbul, Turkey.
- Güngör, N., Özveren, C. G., & Yeke, S. (2020). The psychosocial antecedents of the accounting digital transformation of the companies: a model proposal in terms of the technology acceptance theory. *Hitit Üniversitesi Sosyal Bilimler Enstitüsü Dergisi*, 13(1), 36-55.
- Gurbaxani, V., & Dunkle, D. (2019). Gearing Up For Successful Digital Transformation. *MIS Quarterly Executive*, 18(3).
- Gürkan, G. Ç., & Çiftci, G. (2020). Developing a Supportive Culture in Digital Transformation. In *Digital Business Strategies in Blockchain Ecosystems* (pp. 83-102): Springer.
- Gurumurthy, R., Schatsky, D., & Camhi, J. (2020). *Uncovering the connection between digital maturity and financial performance*. Retrieved from <https://www2.deloitte.com/us/en/insights/topics/digital-transformation/digital-transformation-survey.html>
- Guy, J.-S. (2019). Digital technology, digital culture and the metric/nonmetric distinction. *Technological Forecasting Social Change*, 145, 55-61.
- Haddud, A., & McAllen, D. (2018). *Digital workplace management: exploring aspects related to culture, innovation, and leadership*. Paper presented at the 2018 Portland International Conference on Management of Engineering and Technology (PICMET), Portland.
- Haffke, I., Kalgovas, B., & Benlian, A. (2017). *The transformative role of bimodal IT in an era of digital business*. Paper presented at the Proceedings of the 50th Hawaii International Conference on System Sciences, Waikoloa Beach, Hawaii.
- Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2019). *Multivariate Data Analysis 8th edition*. Hampshire, United Kingdom: Cengage Learning EMEA.
- Håkanson, L., & Nobel, R. (2001). Organizational characteristics and reverse technology transfer. *Management International Review*, 41, 395-420.
- Halpern, N., Mwesummo, D., Suau-Sanchez, P., Budd, T., & Bråthen, S. (2021). Ready for digital transformation? The effect of organisational readiness, innovation, airport size and ownership on digital change at airports. *Journal of Air Transport Management*, 90, 101949.
- Hamzeh, R., Zhong, R., & Xu, X. W. (2018). A survey study on industry 4.0 for New Zealand manufacturing. *Procedia Manufacturing*, 26, 49-57.

- Hansen, A. M., Kraemmergaard, P., & Mathiassen, L. (2011). Rapid Adaptation in Digital Transformation: A Participatory Process for Engaging IS and Business Leaders. *MIS Quarterly Executive*, 10(4).
- Hardey, M. (2019). Women's leadership and gendered experiences in tech cities. *Gender in Management: An International Journal*.
- Harshak, A., Schmaus, B., & Dimitrova, D. (2013). *Building a digital culture: How to meet the challenge of multichannel digitization*. Retrieved from
- Hartl, E. (2019). *A Characterization of Culture Change in the Context of Digital Transformation*. Paper presented at the 25th Americas Conference on Information Systems, Cancun.
- Hartl, E., & Hess, T. (2017). The role of cultural values for digital transformation: insights from a Delphi Study. *Twenty-third Americas Conference on Information Systems*.
- Hashim, J. (2008). Competencies acquisition through self-directed learning among Malaysian managers. *Journal of Workplace Learning*.
- Heavin, C., & Power, D. J. (2018). Challenges for digital transformation—towards a conceptual decision support guide for managers. *Journal of Decision Systems*, 27(sup1), 38-45.
- Heckmann, N., Steger, T., & Dowling, M. (2016). Organizational capacity for change, change experience, and change project performance. *Journal of Business Research*, 69(2), 777-784.
- Hedlund, G. (1994). A model of knowledge management and the N-form corporation. *Strategic Management Journal*, 15(S2), 73-90.
- Helfat, C. E., & Peteraf, M. A. (2015). Managerial cognitive capabilities and the microfoundations of dynamic capabilities. *Strategic Management Journal*, 36(6), 831-850.
- Hemerling, J., Kilmann, J., Danoesastro, M., Stutts, L., & Ahern, C. (2018). It's not a digital transformation without a digital culture. *Boston Consulting Group*. Retrieved December, 25, 2018.
- Henning, K. (2018). How Artificial Intelligence Changes the World. In *Developing Support Technologies* (pp. 277-284): Springer.
- Hesketh, B., & Graco, W. (2015). Technological Change and the Sociotechnical System, Applied Psychology of. *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, 24.
- Hildebrandt, J., Kluge, J., & Ziefle, M. (2020). *A Successful Transformation of Work? An Exploratory Analysis on Requirements and Evaluation Criteria*. Paper presented at the International Conference on Human-Computer Interaction.
- Hirte, R., & Roth, P. (2018). *Advanced Innovation Management: Best Practice of German and American Corporations in the Mobility Sector*. Paper presented at the 2018 Portland International Conference on Management of Engineering and Technology (PICMET).
- Hoe, S. L. (2019). Digitalization in practice: the fifth discipline advantage. *The Learning Organization*.
- Holotiuk, F., & Beimborn, D. (2017). Critical success factors of digital business strategy.
- Homburg, C., Jensen, O., & Hahn, A. (2012). How to organize pricing? Vertical delegation and horizontal dispersion of pricing authority. *Journal of Marketing*, 76(5), 49-69.

- Hooda, A., & Singla, M. (2020). Reengineering as a strategic stance for e-governance success-mediating role of core competencies. *Transforming Government: People, Process Policy*.
- Hoover, A., Jurecko, G., Pinckard, J., Scolieri, P., & Vrtis, R. (2019). *A Targeted Improvement Plan for Service Continuity*. Retrieved from
- Hu, H., Huang, T., Zeng, Q., & Zhang, S. (2016). The role of institutional entrepreneurship in building digital ecosystem: A case study of Red Collar Group (RCG). *International Journal of Information Management*, 36(3), 496-499.
- Hulla, M., Hammer, M., Karre, H., & Ramsauer, C. (2019). A case study based digitalization training for learning factories. *Procedia Manufacturing*, 31, 169-174.
- Hur, J.-Y., Cho, W., Lee, G., & Bickerton, S. H. (2019). The “Smart Work” Myth: How Bureaucratic Inertia and Workplace Culture Stymied Digital Transformation in the Relocation of South Korea’s Capital. *Asian Studies Review*, 43(4), 691-709.
- Hwang, Y., & Kim, D. J. (2007). Understanding affective commitment, collectivist culture, and social influence in relation to knowledge sharing in technology mediated learning. *IEEE Transactions on Professional Communication*, 50(3), 232-248.
- Iansiti, M., & Lakhani, K. (2016). The Digital Business Divide: Analyzing the Operating Impact of Digital Transformation: M. *Keystone Strategy*.
- Ifenthaler, D., & Egloffstein, M. (2020). Development and implementation of a maturity model of digital transformation. *TechTrends*, 64(2), 302-309.
- Ika, L. A. (2009). Project success as a topic in project management journals. *Project management journal*, 40(4), 6-19.
- Imam, A., Abbasi, A. S., Muneer, S., & Qadri, M. M. (2013). Organizational culture and performance of higher educational institutions: The mediating role of individual readiness for change. *European Journal of Business Management*, 5(20), 23-34.
- Imran, R., & Atiya, T. M. S. (2020). The role of high-performance work system and human capital in enhancing job performance. *World Journal of Entrepreneurship, Management and Sustainable Development*.
- Inkpen, A. (1998). Learning, knowledge acquisition, and strategic alliances. *European Management Journal*, 16(2), 223-229.
- Ivančić, L., Vukšić, V. B., & Spremić, M. (2019). Mastering the digital transformation process: business practices and lessons learned. *Technology Innovation Management Review*, 9(2).
- Ivanov, I. I. (2019). *Chasing the Crowd: Digital Transformations and the Digital Driven System Design Paradigm*. Paper presented at the International Symposium on Business Modeling and Software Design.
- Jackson, N. C. (2019). Managing for competency with innovation change in higher education: Examining the pitfalls and pivots of digital transformation. *Business Horizons*, 62(6), 761-772.
- Jacobi, R., & Brenner, E. (2018). How large corporations survive digitalization. In *Digital Marketplaces Unleashed* (pp. 83-97): Springer.
- Jaico, J. B., Lalupú, J. A., García, R. A., & Reyes, N. G. (2019). *Maturity model for digital teacher transformation based on digital and organizational competencies in higher education*. Paper presented at the CEUR Workshop.
- Ján, D., & Veronika, T. (2017). Examination of factors affecting the implementation of organizational changes. *Journal of Competitiveness*, 9(4), 5.

- Jäntti, M., & Hyvarinen, S. (2018). *Exploring Digital Transformation and Digital Culture in Service Organizations*. Paper presented at the 2018 15th International Conference on Service Systems and Service Management (ICSSSM).
- Jayawardena, C. D. W., Ahmad, A., & Jaharadak, A. A. (2020). Synthesis of digital transformation beyond technology perspective: Digital strategy, leadership & culture. *Journal of Critical Reviews*, 7(10), 349-357. doi:10.31838/jcr.07.10.74
- Jeon, K. S., & Kim, K.-N. (2012). How do organizational and task factors influence informal learning in the workplace? *Human Resource Development International*, 15(2), 209-226.
- Jerónimo, A. C. S. (2018). *IT governance in digital transformation: a cobit 5 overview according idc maturityscape*.
- Jneid, M., Saleh, I., & Fakhoury, R. (2019). *Digital Transformation in Justice: Discussion of Challenges and a Conceptual Model for e-Justice Success*. Paper presented at the ECDG 2019 19th European Conference on Digital Government, Cyprus.
- Jöhnk, J., Oesterle, S., Ollig, P., & Riedel, L.-N. (2020). *The Complexity of Digital Transformation—Conceptualizing Multiple Concurrent Initiatives*. Paper presented at the 15th International Conference on Wirtschaftsinformatik.
- Johnson, T. P. (2014). Snowball sampling: introduction. *Wiley StatsRef: Statistics Reference Online*.
- Jonathan, G. M. (2019). *Digital Transformation in the Public Sector: Identifying Critical Success Factors*. Paper presented at the European, Mediterranean, and Middle Eastern Conference on Information Systems, Dubai.
- Jonathan, G. M., Rusu, L., & Perjons, E. (2020). *Business-it alignment in the era of digital transformation: Quo vadis?* Paper presented at the Hawaii International Conference on System Sciences (HICSS), Maui, Hawaii.
- Junior, S. C. F., & da Silva, M. T. (2016). Servitization: Organizational implications and acquisition of competencies. *Revista Produção Online*, 16(4), 1172.
- Kabakçı-Yurdakul, I., & Odabaşı, H. (2013). Technopedagogical education model. In I. Kabakçı-Yurdakul (Ed.), *Designing Material Instructional Technologies Based on Technopedagogical Education* (pp. 41-67). Ankara, Turkey.
- Kagermann, H., Helbig, J., Hellinger, A., & Wahlster, W. (2013). *Recommendations for implementing the strategic initiative INDUSTRIE 4.0: Securing the future of German manufacturing industry; final report of the Industrie 4.0 Working Group*: Forschungsunion.
- Kaltenbach, F., Marber, P., Gosemann, C., Bölts, T., & Kühn, A. (2018). *Smart Services Maturity Level in Germany*. Paper presented at the 2018 IEEE International Conference on Engineering, Technology and Innovation (ICE/ITMC).
- Kane, G. (2019). The technology fallacy: people are the real key to digital transformation. *Research-Technology Management*, 62(6), 44-49.
- Kane, G. C., Palmer, D., Nguyen-Phillips, A., Kiron, D., & Buckley, N. (2017). Achieving digital maturity. *MIT Sloan Management Review*, 59(1).
- Kane, G. C., Palmer, D., Phillips, A. N., Kiron, D., & Buckley, N. (2016). Aligning the organization for its digital future. *MIT Sloan Management Review*, 58(1).
- Kane, G. C., Phillips, A. N., Copulsky, J., & Andrus, G. (2019). How Digital Leadership Is (n't) Different. *MIT Sloan Management Review*, 60(3), 34-39.

- Karimi, J., & Walter, Z. (2015). The role of dynamic capabilities in responding to digital disruption: A factor-based study of the newspaper industry. *Journal of Management Information Systems*, 32(1), 39-81.
- Karodia, N. C. (2018). *Managing the transition to a digital culture': the experience of financial service firms*. University of Pretoria,
- Kashada, A., Li, H., & Koshadah, O. (2018). Analysis Approach to Identify Factors Influence Digital Learning Technology Adoption and Utilization in Developing Countries. *International Journal of Emerging Technologies in Learning*, 13(2).
- Kettunen, P., & Mäkitalo, N. (2019). Future smart energy software houses. *European Journal of Futures Research*, 7(1), 1.
- Khitskov, E. A., Veretekhina, S. V., Medvedeva, A. V., Mnatsakanyan, O. L., Shmakova, E. G., & Kotenev, A. (2017). Digital transformation of society: problems entering in the digital economy. *Eurasian Journal of Analytical Chemistry*, 12(5b), 855-873.
- Khuntia, J., Mithas, S., & Agarwal, R. (2017). How service offerings and operational maturity influence the viability of health information exchanges. *Production and Operations Management*, 26(11), 1989-2005.
- Kim, E., & Park, S. (2020). Employees' perceptions of organizational learning: the role of knowledge and trust. *Kybernetes*.
- Kim, S.-S. (2021). Sustainable Growth Variables by Industry Sectors and Their Influence on Changes in Business Models of SMEs in the Era of Digital Transformation. *Sustainability*, 13(13), 7114.
- Kindarto, A., & Zhu, Y. Q. (2019). *The Future of Decision Making Process in the Government's IT Project in Industry 4.0 Era*. Paper presented at the 2019 5th International Conference on Science and Technology (ICST).
- Kirchmer, M., & Franz, P. (2019). *Value-Driven Robotic Process Automation (RPA)*. Paper presented at the International Symposium on Business Modeling and Software Design.
- Klisarova-Belcheva, S., Yankova, T., & Ilieva, G. (2019). *BI or no BI? Presence and Future of BI in Small and Medium-sized Enterprises from South Central Bulgaria*. Paper presented at the Proceedings of the 9th Balkan Conference on Informatics.
- Klötzer, C., & Pflaum, A. (2017). *Toward the development of a maturity model for digitalization within the manufacturing industry's supply chain*. Paper presented at the 50th Hawaii International Conference on System Sciences.
- Knapp, M. (2018). Portfolios and Governance. In *Enterprise Portfolio Governance* (pp. 37-88): Springer.
- Kohl, R., & Bryant, C. (2017). Defining Digital Transformation Success Metrics. www.gorillagroup.com/wp-content/uploads/2017/08/Digital-Success-Metrics_Gorilla-Group-1.pdf
- Kohnke, O. (2017). It's not just about technology: the people side of digitization. In G. Oswald & M. Kleinemeier (Eds.), *Shaping the digital enterprise* (pp. 69-91). Switzerland: Springer.
- Koilada, D. K. (2019). *Value-based digital transformation: Innovating customer experiences*. Paper presented at the 2019 IEEE Technology & Engineering Management Conference (TEMSCON).
- Kolasa, I. (2017). *Success Factors for Public Sector Information System Projects: Qualitative Literature Review*. Paper presented at the Proceeding of the 17th

- European Conference on Digital Government Military Academy Lisbon Portugal, Academic Conferences and Publishing International Limited, Lisbon, Portugal.
- Komarova, N., Zamkovoï, A., & Novikov, S. (2019). The Fourth Industrial Revolution and Staff Development Strategy in Manufacturing. *Russian Engineering Research*, 39(4), 330-333.
- Kontiç, L., & Vidicki, Đ. (2018). Strategy for digital organization: Testing a measurement tool for digital transformation. *Strategic Management Journal*, 23(1), 29-35. doi:10.5937/StraMan1801029K
- Kostadinova, I. (2019). *Digital Models for Transformation of Corporate Social Responsibility Education*. Paper presented at the 2019 29th Annual Conference of the European Association for Education in Electrical and Information Engineering (EAEEIE).
- KPMG. (2016). *KPMG Global Transformation Study 2016*. Retrieved from <https://assets.kpmg/content/dam/kpmg/pdf/2016/05/global-transformation-study-2016.pdf>
- Kuntsman, A., & Arenkov, I. A. (2019). Method for Assessing Effectiveness of Company Digital Transformation: Integrated approach. *IBIMA Business Review*, 2019, 1-16. doi:10.5171/2019.334457
- Kupp, M., Marval, M., & Borchers, P. (2017). Corporate accelerators: fostering innovation while bringing together startups and large firms. *Journal of Business Strategy*.
- Kuruppuge, R. H., & Gregar, A. (2018). Employee's Learning in the Organization-A Study of Knowledge Based Industries. *Foundations of Management*, 10(1), 13-22.
- Lacedelli, S. Z., Tamma, M., & Fazzi, F. (2019). Digital education as a catalyst for museum transformation: the case of the "Museums and New Digital Cultures" course. *European Journal of Cultural Management Policy*, 47.
- Lang, K. R., Shang, R. D., & Vragov, R. (2009). Designing markets for co-production of digital culture goods. *Decision Support Systems*, 48(1), 33-45.
- Lang, T. M., Lin, S. H., & Vy, T. N. T. (2012). Mediate effect of technology innovation capabilities investment capability and firm performance in Vietnam. *Procedia-Social Behavioral Sciences*, 40, 817-829.
- Langer, A. M. (2017). *Information Technology and Organizational Learning: Managing Behavioral Change in the Digital Age*: CRC Press.
- Lanzolla, G., & Anderson, J. (2008). Digital transformation. *Business Strategy Review*, 19(2), 72-76.
- Lappi, T., & Aaltonen, K. (2017). Project governance in public sector agile software projects. *International Journal of Managing Projects in Business*. doi:10.1108/IJMPB-04-2016-0031
- Lassen, A. H., Laugen, B. T., & Middel, R. (2008). *Collaborative entrepreneurship: On the influence of internal and external collaboration on corporate entrepreneurial innovation*. Paper presented at the 9th International CINet conference: Radical challenges in innovation management, Valencia, Spain.
- Le Dang, H., Li, E., Nuberg, I., & Bruwer, J. (2014). Understanding farmers' adaptation intention to climate change: A structural equation modelling study in the Mekong Delta, Vietnam. *Environmental Science Policy*, 41, 11-22.
- Lee, M. X., Lee, Y. C., & Chou, C. J. (2017). Essential implications of the digital transformation in industry 4.0. *Journal of Scientific & Industrial Research*.

- Lee, S. K. J., & Yu, K. (2004). Corporate culture and organizational performance. *Journal of Managerial Psychology*.
- Leidner, D. E., & Kayworth, T. (2006). A review of culture in information systems research: Toward a theory of information technology culture conflict. *MIS Quarterly*, 30(2), 357-399.
- Leischnig, A., Ivens, B. S., & Kammerlander, N. (2017). A new conceptual lens for marketing: a configurational perspective based on the business model concept. *AMS Review*, 7(3-4), 138-153. doi:https://doi.org/10.1007/s13162-017-0107-6
- Leonard-Barton, D. (1995). *Wellsprings of Knowledge : Building and Sustaining the Sources of Innovation*. Boston, Massachusetts: Harvard Business School Press.
- Leonhardt, D., Haffke, I., Kranz, J., & Benlian, A. (2017). Reinventing the IT function: the role of IT agility and IT ambidexterity in supporting digital business transformation.
- Leppälä, K., Sallinen, S., & Seppänen, V. (2001). *Partner Selection for Product Development Networks: Theory, Models and Practising*. Paper presented at the Proceedings of the 7th International Conference on Concurrent Enterprising, Bermen, Germany, University of Nottingham.
- Li, H.-L. (2018). Keys to Promoting Governmental Digital Transformation. *International Journal of Automation Smart Technology*, 8(4), 145-148.
- 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.
- Liao, Z. (2018). Institutional pressure, knowledge acquisition and a firm's environmental innovation. *Business Strategy the Environment*, 27(7), 849-857.
- Liere-Netheler, K., Vogelsang, K., Packmohr, S., & Hoppe, U. A. (2018). *Towards a Framework for Digital Transformation Success in Manufacturing*. Paper presented at the European Conference on Information System.
- Liou, D. Y., Tu, C. C., & Chang, S. H. (2014). Mediating effect between supportive culture and job satisfaction in administrative services at higher education institutions. *Human Factors Ergonomics in Manufacturing Service Industries*, 24(6), 627-640.
- Lisi, M. (2019). Party innovation, hybridization and the crisis: the case of Podemos. *Italian Political Science Review/Rivista Italiana di Scienza Politica*, 49(3), 245-262.
- Lucas, C., & Kline, T. (2008). Understanding the influence of organizational culture and group dynamics on organizational change and learning. *The Learning Organization*.
- Lucas, L. M. (2006). The role of culture on knowledge transfer: the case of the multinational corporation. *The Learning Organization*.
- Machlup, F. (1967). Theories of the firm: Marginalist, behavioral, managerial. *The American economic review*, 57(1), 1-33.
- MacKenzie, S. B., & Podsakoff, P. M. (2012). Common Method Bias in Marketing: Causes, Mechanisms, and Procedural Remedies. *Journal of Retailing*, 88(4), 542-555. doi:10.1016/j.jretai.2012.08.001
- Magistretti, S., Dell'Era, C., & Petruzzelli, A. M. (2019). How intelligent is Watson? Enabling digital transformation through artificial intelligence. *Business Horizons*, 62(6), 819-829.

- Mahler, J. (1997). Influences of organizational culture on learning in public agencies. *Journal of Public Administration Research and Theory*, 7(4), 519-540.
- Mahmood, T., & Mubarik, M. S. (2020). Balancing innovation and exploitation in the fourth industrial revolution: Role of intellectual capital and technology absorptive capacity. *Technological Forecasting Social Change*, 160, 120248.
- Manita, R., Elommal, N., Baudier, P., & Hikkerova, L. (2020). The digital transformation of external audit and its impact on corporate governance. *Technological Forecasting Social Change*, 150, 119751.
- Maria, V. (2011). What's in there for me? Individual readiness to change and the perceived impact of organizational change. *Leadership & Organization Development Journal*, 35(3), 195-209. doi:10.1108/LODJ-05-2012-0064
- Marsh, E. (2018). Understanding the Effect of Digital Literacy on Employees' Digital Workplace Continuance Intentions and Individual Performance. *International Journal of Digital Literacy Digital Competence*, 9(2), 15-33.
- Martínez-Caro, E., Cegarra-Navarro, J. G., & Alfonso-Ruiz, F. J. (2020). Digital technologies and firm performance: The role of digital organisational culture. *Technological Forecasting Social Change*, 154(C).
- Martínez-Cañas, R., Sáez-Martínez, F. J., & Ruiz-Palomino, P. (2012). Knowledge acquisition's mediation of social capital-firm innovation. *Journal of Knowledge Management*, 16. doi:10.1108/13673271211198945
- Masuda, Y., Shirasaka, S., Yamamoto, S., & Hardjono, T. (2017). An adaptive enterprise architecture framework and implementation: Towards global enterprises in the era of cloud/mobile IT/digital IT. *International Journal of Enterprise Information Systems*, 13(3), 1-22. doi:10.4018/ijeis.2017070101
- Matt, C., Hess, T., & Benlian, A. (2015). Digital transformation strategies. *Business & Information Systems Engineering*, 57(5), 339-343.
- McDermott, C. M., & Stock, G. N. (1999). Organizational culture and advanced manufacturing technology implementation. *Journal of Operations Management*, 17(5), 521-533. doi:10.1016/S0272-6963(99)00008-X
- Meffert, J., & Swaminathan, A. (2018). Leadership and the urgency for digital transformation. *Leader to Leader*, 2018(88), 44-49.
- Meske, C. (2019). *Digital Workplace Transformation—On The Role of Self-Determination in the Context of Transforming Work Environments*. Paper presented at the 27th European Conference on Information Systems, Stockholm & Uppsala, Sweden.
- Met, İ., Uysal, E. U., Özkaya, K. S., & Orç, E. (2020). Key Success Factors for Strategic Management in Digital Business. In *Digital Business Strategies in Blockchain Ecosystems* (pp. 283-304): Springer.
- Mettler, T., & Pinto, R. (2018). Evolutionary paths and influencing factors towards digital maturity: An analysis of the status quo in Swiss hospitals. *Technological Forecasting and Social Change*, 133, 104-117. doi:https://doi.org/10.1016/j.techfore.2018.03.009
- Mielli, F., & Bulanda, N. (2019, 28 April-2 May 2019). *Digital Transformation: Why Projects Fail, Potential Best Practices and Successful Initiatives*. Paper presented at the 2019 IEEE-IAS/PCA Cement Industry Conference (IAS/PCA), St. Louis.
- Mihardjo, L., Alamsjah, F., Elidjen, E., & Sasmoko, S. (2018). Digital Transformation in the Age of Industry 4. 0: Acceleration of Transformational Performance through Business Model Innovation and Co-Creation Strategy in Indonesian ICT Firms

- Transformación digital en la era de la industria 4. 0: Aceleración del. *Opcion*, 86(86), 2145-2159.
- Mihardjo, L. W., & Rukmana, R. A. (2019). Customer experience and organizational agility driven business model innovation to shape sustainable development. *Polish Journal of Management Studies*, 20, 293-304.
- Mihardjo, L. W. W., Sasmoko, Alamsyah, F., & Elidjen, E. (2019). Boosting the firm transformation in industry 5.0: Experience-agility innovation model. *International Journal of Recent Technology and Engineering*, 8(2S9), 735-742. doi:10.35940/ijrte.B1154.0982S919
- Miles, J. A. (2013). *Management and Organization Theory*: A. Wiley.
- Minina, A., & Mabrouk, K. (2019). *Transformation of University Communication Strategy in Terms of Digitalization*. Paper presented at the 2019 Communication Strategies in Digital Society Workshop (ComSDS).
- Mintu-Wimsatt, A., Kernek, C., & Lozada, H. R. (2010). *Netiquette: Make it part of your syllabus*. Paper presented at the Annual Meeting of the Association of Collegiate Marketing Educators, Dalas.
- Mir, U. B., Kar, A. K., Dwivedi, Y. K., Gupta, M. P., & Sharma, R. (2020). Realizing digital identity in government: Prioritizing design and implementation objectives for Aadhaar in India. *Government Information Quarterly*, 37(2), 101442.
- Mitra, A., & Power, D. J. (2018). Digital Transformation, IT Professionals, Compensation and Retention. *Workspan*, 27(1).
- Mitroulis, D., & Kitsios, F. (2019). *Evaluating Digital Transformation Strategies: A MCDA Analysis of Greek Tourism Smes*. Paper presented at the ECIE 2019 14th European Conference on Innovation and Entrepreneurship (2 vols).
- Mittal, S., Romero, D., & Wuest, T. (2018). *Towards a smart manufacturing maturity model for SMEs (SM 3 E)*. Paper presented at the Ifip international conference on advances in production management systems.
- Młody, M. (2018). *New production patterns and the future of manufacturing relocation trend in the 4.0 era: The perspective of consumers*. Paper presented at the 9th ENTRE Conference, Kraków, Poland.
- Moon, H., & Lee, C. (2014). The mediating effect of knowledge-sharing processes on organizational cultural factors and knowledge management effectiveness. *Performance Improvement Quarterly*, 26(4), 25-52.
- Morabito, V. (2016). Digital transformation and IT ambidexterity. In *The Future of Digital Business Innovation* (pp. 121-140): Springer.
- Morrar, R., Arman, H., & Mousa, S. (2017). The fourth industrial revolution (Industry 4.0): A social innovation perspective. *Technology Innovation Management Review*, 7(11), 12-20.
- Mugge, P., Abbu, H., Michaelis, T. L., Kwiatkowski, A., & Gudergan, G. (2020). Patterns of Digitization: A Practical Guide to Digital Transformation. *Research-Technology Management*, 63(2), 27-35. doi:10.1080/08956308.2020.1707003
- Müller, S. D., Obwegeser, N., Glud, J. V., & Johildarson, G. (2019). Digital Innovation and Organizational Culture. *Scandinavian Journal of Information Systems*, 31(2), 3-34.
- Murphy, O. (2018). Coworking Spaces, Accelerators and Incubators: Emerging Forms of Museum Practice in an Increasingly Digital World. *Museum International*, 70(1-2), 62-75.

- Nadella, S., & Euchner, J. (2018). Navigating Digital Transformation. *Research-Technology Management*, 61(4), 11-15.
- Nahm, A. Y., Vonderembse, M. A., & Koufteros, X. A. (2004). The impact of organizational culture on time-based manufacturing and performance. *Decision Sciences*, 35(4), 579-607.
- Naimatullah, S. (2011). A study of the relationship between organisational justice and employee readiness for change. *Journal of Enterprise Information Management*, 24(3), 224-236. doi:10.1108/17410391111122835
- Nambisan, S., Wright, M., & Feldman, M. (2019). The digital transformation of innovation and entrepreneurship: Progress, challenges and key themes. *Research Policy*, 48(8), 103773.
- Nevis, E. C., DiBella, A. J., & Gould, J. M. (1995). Understanding organizations as learning systems. *Sloan Management Review*, 36, 73-85.
- Ngereja, B., Hussein, B., Hafsel, K. H. J., & Wolff, C. (2020). *A Retrospective Analysis of the Role of Soft Factors in Digitalization Projects: Based on a Case Study in a Public Health Organization in Trondheim-Norway*. Paper presented at the 2020 IEEE European Technology and Engineering Management Summit (E-TEMS), Dortmund.
- Nguyen, N. T. D., & Aoyama, A. (2014). Impact of corporate culture on the relationship between efficient technology transfer and business performance. *Global Business Review*, 15(4), 637-661.
- Nguyen, N. T. D., & Aoyama, A. (2015). The impact of cultural differences on technology transfer: Management practice moderation. *Journal of Manufacturing Technology Management*, 27, 926 - 954. doi:10.1108/JMTM-09-2013-0130
- Nikpour, A. (2017). The impact of organizational culture on organizational performance: The mediating role of employee's organizational commitment. *International Journal of Organizational Leadership*, 6, 65-72.
- Norman, G. (2010). Likert scales, levels of measurement and the "laws" of statistics. *Advances in health sciences education*, 15(5), 625-632.
- Nunuk, S., Dewi, R., & Suharno, S. (2020). Digital Learning, Smartphone Usage, and Digital Culture in Indonesia Education. *Интеграция образования*, 24(1 (98)).
- Nwankpa, J. K., & Merhout, J. W. (2020). Exploring the effect of digital investment on IT innovation. *Sustainability*, 12(18), 7374.
- Nwankpa, J. K., & Roumani, Y. (2016). *IT capability and digital transformation: A firm performance perspective*. Paper presented at the Thirty Seventh International Conference on Information Systems, Dublin
- Osmundsen, K. (2020). *Competences for Digital Transformation: Insights from the Norwegian Energy Sector*. Paper presented at the Proceedings of the 53rd Hawaii International Conference on System Sciences.
- Osmundsen, K., Iden, J., & Bygstad, B. (2018). *Digital Transformation: Drivers, Success Factors and Implications*. Paper presented at the Mediterranean Conference on Information Systems (MCIS), Corfu, Greece.
- Ossiannilsson, E. (2018). Visionary Leadership for Digital Transformation: In a Time when Learners Take Ownership of Their Learning. *Asian Journal of Distance Education*, 13(1), 128-148.
- Oswald, G., & Kleinemeier, M. (2017). *Shaping the digital enterprise*: Springer International Publishing.

- Otoo, F. N. K. (2019). Human resource management (HRM) practices and organizational performance: The mediating role of employee competencies. *Employee Relations: The International Journal*, 41. doi:10.1108/ER-02-2018-0053
- Owen, C. (2001). The role of organisational context in mediating workplace learning and performance. *Computers in Human Behavior*, 17(5-6), 597-614.
- Oyemomi, O., Liu, S., Neaga, I., Chen, H., & Nakpodia, F. (2019). How cultural impact on knowledge sharing contributes to organizational performance: Using the fsQCA approach. *Journal of Business Research*, 94, 313-319.
- Pagani, M. (2013). Digital business strategy and value creation: framing the dynamic cycle of control points. *MIS Quarterly*, 617-632.
- Pai, F.-Y., & Yeh, T.-M. (2010). The effects of inter-firm power and supply partner assessment on supply chain integration. *African Journal of Business Management*, 4(7), 1308-1319.
- Palacios-Marqués, D., García, M. G., Sánchez, M. M., & Mari, M. P. A. (2019). Social entrepreneurship and organizational performance: A study of the mediating role of distinctive competencies in marketing. *Journal of Business Research*, 101, 426-432.
- Paladino, A. (2007). Investigating the drivers of innovation and new product success: a comparison of strategic orientations. *Journal of Product Innovation Management*, 24(6), 534-553.
- Parida, V., Burström, T., Visnjic, I., & Wincent, J. (2019). Orchestrating industrial ecosystem in circular economy: A two-stage transformation model for large manufacturing companies. *Journal of Business Research*. doi:10.1016/j.jbusres.2019.01.006
- Park, H. W., & Thelwall, M. (2008). Developing network indicators for ideological landscapes from the political blogosphere in South Korea. *Journal of computer-mediated communication*, 13(4), 856-879.
- Park, Y. K., Song, J. H., Yoon, S. W., & Kim, J. (2014). Learning organization and innovative behavior: The mediating effect of work engagement. *European Journal of Training Development*, 38(1-2), 75-94.
- Penton, S., & Pettersson, F. (2019). Factors Affecting Managerial Willingness to Change: A Case Study on Change Management When Implementing New Digital Technology. In.
- Perdhana, M. S. (2016). *Comparison of Cultural Values in Three Indonesian Sub-Cultures*. Paper presented at the 13th UBAYA International Symposium on Management, Surabaya.
- Pereira, C. S., Durão, N., Fonseca, D., Ferreira, M. J., & Moreira, F. (2020). An Educational Approach for Present and Future of Digital Transformation in Portuguese Organizations. *Applied Sciences*, 10(3), 757.
- Peter, M. K., Kraft, C., & Lindeque, J. (2020). Strategic action fields of digital transformation. *Journal of Strategy Management*.
- Phang, T. C., Chen, C., & Tiong, R. L. (2020). New Model for Identifying Critical Success Factors Influencing BIM Adoption from Precast Concrete Manufacturers' View. *Journal of Construction Engineering Management*, 146(4), 04020014.
- Phillips, J. R. (1983). Enhancing the effectiveness of organizational change management. *Human Resource Management*, 22(1-2), 183-199.

- Piccinini, E., Gregory, R. W., & Kolbe, L. M. (2015). *Changes in the producer-consumer relationship-towards digital transformation*. Paper presented at the Wirtschaftsinformatik, Osnabrück.
- Pleger, L. E., Mertes, A., Rey, A., & Brüesch, C. (2020). Allowing users to pick and choose: a conjoint analysis of end-user preferences of public e-services. *Government Information Quarterly*, 101473.
- Ponsignon, F., Kleinhans, S., & Bressolles, G. (2019). The contribution of quality management to an organisation's digital transformation: a qualitative study. *Total Quality Management Business Excellence*, 30(sup1), S17-S34.
- Pool, S. W. (2000). The learning organization: motivating employees by integrating TQM philosophy in a supportive organizational culture. *Leadership Organization Development Journal*.
- Pramanik, H. S., Kirtania, M., & Pani, A. K. (2019). Essence of digital transformation—Manifestations at large financial institutions from North America. *Future Generation Computer Systems*, 95, 323-343.
- Preston, C. C., & Colman, A. M. (2000). Optimal number of response categories in rating scales: reliability, validity, discriminating power, and respondent preferences. *Acta psychologica*, 104(1), 1-15.
- Priambodo, A., Handayani, P. W., & Pinem, A. A. (2019). *Success Factor for IT Project Implementation in Banking Industry: A Case Study*. Paper presented at the 2019 3rd International Conference on Informatics and Computational Sciences (ICICoS), Semarang, Indonesia.
- Prioteasa, A.-L., Chicu, N., & Ciocoiu, C. N. (2020). *Implications of digitization on risk management in Romanian companies*. Paper presented at the Proceedings of the 31st International Business Information Management Association Conference, IBIMA 2018: Innovation Management and Education Excellence through Vision 2020.
- Purba, C. (2021). Digital transformation in the Indonesia manufacturing industry: the effect of e-learning, e-task and leadership style on employee engagement. *International Journal of Data Network Science*, 5(3), 361-368.
- Putra, D. M., & Winoto, D. W. (2017). *The role of knowledge management in the success rate of it investment and its impacts on the organization performance a survey in the ministry agencies, local governments, universities and banks in Indonesia*. Paper presented at the 2017 3rd International conference on science in information technology (ICSITech).
- Rahayu, A. C. (2021). Ada anomali kenaikan harga bahan baku, ini yang dilakukan pelaku industri kemasan. *kontan.co.id*. Retrieved from <https://industri.kontan.co.id/news/ada-anomali-kenaikan-harga-bahan-baku-ini-yang-dilakukan-pelaku-industri-kemasan>
- Raj, R., & Srivastava, K. B. (2013). The mediating role of organizational learning on the relationship among organizational culture, HRM practices and innovativeness. *Management Labour Studies*, 38(3), 201-223.
- Rakesh, S., Narendra, K., & Sandeep, P. (2017). Thought self-leadership strategies and sales performance: Integrating selling skills and adaptive selling behavior as missing links. *Journal of Business & Industrial Marketing*. doi:10.1108/JBIM-06-2016-0127

- Ranganath, N. S. (2016). Knowledge-enabled Customer Relationship Management Systems—A Digital Tool for Solution. *International Journal of Innovative Research and Practices*, 4(5), 17-26.
- Rasskazova, O., Alexandrov, I., Burmistrov, A., & Siniavina, M. (2019). *Changes in functional responsibilities of HR-specialists in connection with the digital transformation of companies*. Paper presented at the Proceedings of the 2019 International SPBPU Scientific Conference on Innovations in Digital Economy.
- Reis, J., Amorim, M., Melão, N., & Matos, P. (2018). *Digital transformation: a literature review and guidelines for future research*. Paper presented at the World conference on information systems and technologies, Naples, Italy.
- Riesener, M., Dölle, C., Mattern, C., & Kreß, J. (2019). *Circular Economy: Challenges and Potentials for the Manufacturing Industry by Digital Transformation*. Paper presented at the 2019 IEEE International Symposium on Innovation and Entrepreneurship (TEMS-ISIE), Hangzhou, China.
- Rijal, S. (2010). Leadership style and organizational culture in learning organization: A comparative study. *International Journal of Management Information Systems*, 14(5).
- Robbins, S. P., & Coulter, M. (2018). *Management Fourteenth Edition*. United Kingdom: Pearson Educatio Limited.
- Robbins, S. P., & Judge, T. A. (2017). *Organizational Behavior seventeenth edition*. England: Pearson Education Limited.
- Rodriguez, N. M., Lahey, A. M., MacNeill, J. J., Martinez, R. G., Teo, N. E., & Ruiz, Y. (2021). Homelessness during COVID-19: challenges, responses, and lessons learned from homeless service providers in Tippecanoe County, Indiana. *BMC Public Health*, 21(1), 1-10.
- Rogers, B. (2016). Why 84% Of Companies Fail At Digital Transformation. *Forbes.com: Leadership Strategy*. Retrieved from <https://www.forbes.com/sites/brucerogers/2016/01/07/why-84-of-companies-fail-at-digital-transformation/#54657d4a397b>
- Rojo Abollado, J., Shehab, E., & Bamforth, P. (2017). Challenges and benefits of digital workflow implementation in aerospace manufacturing engineering. *Procedia CIRP*, 60.
- Romberg, M. (2018). Digitally Mature? Ready for the Digital Transformation? In *Digital Marketplaces Unleashed* (pp. 57-64): Springer.
- Romero, D., Flores, M., Herrera, M., & Resendez, H. (2019). *Five management pillars for digital transformation integrating the lean thinking philosophy*. Paper presented at the 2019 IEEE International conference on Engineering, technology and Innovation (ICE/ITMC), Valbonne, France.
- Rossiter, N. (2016). *Software, infrastructure, labor: a media theory of logistical nightmares*: Routledge.
- Rouleau, L. (2005). Micro-practices of strategic sensemaking and sensegiving: How middle managers interpret and sell change every day. *Journal of Management Studies*, 42(7), 1413-1441.
- Rowles, D., & Brown, T. (2017). *Building digital culture: a practical guide to successful digital transformation*: Kogan Page Publishers.
- Ruel, H., Rowlands, H., & Njoku, E. (2020). Digital business strategizing: the role of leadership and organizational learning. *Competitiveness Review*.

- Salviotti, G., Gaur, A., & Pennarola, F. (2019). Strategic Factors Enabling Digital Maturity: An Extended Survey.
- Sánchez-Prieto, J. C., Huang, F., Olmos-Migueláñez, S., García-Peñalvo, F. J., & Teo, T. (2019). Exploring the unknown: The effect of resistance to change and attachment on mobile adoption among secondary pre-service teachers. *British Journal of Educational Technology*.
- Saputra, N., Abdinagoro, S. B., & Kuncoro, E. A. (2018). The Mediating Role of Learning Agility on the Relationship between Work Engagement and Learning Culture. *Pertanika Journal of Social Sciences Humanities*.
- Saputra, N., & Saputra, A. M. (2020). Transforming into Digital Organization by Orchestrating Culture, Leadership and Competence in Digital Context. *GATR Global J. Bus. Soc. Sci. Review*, 8(4), 208-216. doi:10.35609/gjbsr.2020.8.4(2)
- Sarantis, D., Ben Dhaou, S., Alexopoulos, C., Ronzhyn, A., Pereira, G. V., & Charalabidis, Y. (2019). *The Evolving e-Governance Curriculum: A Worldwide mapping of Education Programs*. Paper presented at the Proceedings of the 12th International Conference on Theory and Practice of Electronic Governance, Melbourne, Australia.
- Saryatmo, M. A., & Sukhotu, V. (2021). The influence of the digital supply chain on operational performance: a study of the food and beverage industry in Indonesia. *Sustainability*, 13(9), 5109.
- Schein, E. H. (1990). *Organizational culture* (Vol. 45): American Psychological Association.
- Schein, E. H. (1992). How can organizations learn faster?: the problem of entering the Green Room.
- Schiama, G., Schettini, E., Santarsiero, F., & Carlucci, D. (2021). The transformative leadership compass: six competencies for digital transformation entrepreneurship. *International Journal of Entrepreneurial Behavior Research in Accounting Regulation*.
- Schlegel, D., & Kraus, P. (2021). Skills and competencies for digital transformation—a critical analysis in the context of robotic process automation. *International Journal of Organizational Analysis*.
- Schmidt, J., Drews, P., & Schirmer, I. (2017). Digitalization of the banking industry: a multiple stakeholder analysis on strategic alignment.
- Schneider, W. (2000). Why good management ideas fail: the neglected power of organizational culture. *Strategy Leadership*, 28(1), 24-29.
- Schuchmann, D., & Seufert, S. (2015). Corporate learning in times of digital transformation: a conceptual framework and service portfolio for the learning function in banking organisations. *International Journal of Advanced Corporate Learning*, 8(1), 31-39.
- Schumacher, A., Nemeth, T., & Sihn, W. (2019). Roadmapping towards industrial digitalization based on an Industry 4.0 maturity model for manufacturing enterprises. *Procedia CIRP*, 79, 409-414.
- Schumann, C.-A., & Tittmann, C. (2015). *Digital business transformation in the context of knowledge management*. Paper presented at the European Conference on Knowledge Management.
- Schwertner, K. (2017). Digital transformation of business. *Trakia Journal of Sciences*, 15(1), 388-393.

- Scopus. (2020, April 29th, 2020). What is Scopus Preview? Retrieved from https://service.elsevier.com/app/answers/detail/a_id/15534/supporthub/scopus/#tips
- Seufert, S., Guggemos, J., & Tarantini, E. (2019). *Design for System Change: Developing Digital Competences of Vocational Teachers*. Paper presented at the International Workshop on Learning Technology for Education in Cloud.
- Shamim, S., Cang, S., Yu, H., & Li, Y. (2017). Examining the feasibilities of Industry 4.0 for the hospitality sector with the lens of management practice. *Energies*, 10(4), 499.
- Shan, J., & Jolly, D. R. (2013). Technological innovation capabilities, product strategy, and firm performance: The electronics industry in China. *Canadian Journal of Administrative Sciences/Revue Canadienne des Sciences de l'Administration*, 30(3), 159-172.
- Shao, Z., Wang, Q., & Li, X. (2019). *Transformational Leadership and Digital Creativity: The Mediating Roles of Creative Self-Efficacy and Ambidextrous Learning*. Paper presented at the Pacific Asia Conference on Information Systems.
- Shaughnessy, H. (2018). Creating digital transformation: strategies and steps. *Strategy and Leadership*, 46(2), 19-25.
- Sherer, M., Maddux, J. E., Mercandante, B., Prentice-Dunn, S., Jacobs, B., & Rogers, R. W. (1982). The self-efficacy scale: Construction and validation. *Psychological Reports*, 51(2), 663-671.
- Shrivastava, S. (2017). Digital disruption is redefining the customer experience: The digital transformation approach of the communications service providers. *Telecom Business Review*, 10(1), 41.
- Simpson, J., Wilkin, C. L., Campbell, J., Keating, B. W., & Stephen, M. (2016). "Iterate Wildly": Is User Centered Design and Prototyping The Key to Strategic Alignment? Paper presented at the ECIS 2016 Proceedings.
- Singh, A., Klarner, P., & Hess, T. (2019). How do chief digital officers pursue digital transformation activities? The role of organization design parameters. *Long Range Planning*, 101890.
- Singh, L., Bienenstock, E. J., & Mann, J. (2010). Perspectives on social network analysis for observational scientific data. In *Handbook of Social Network Technologies and Applications* (pp. 147-168): Springer.
- Singh, M. Y., & Atwal, H. (2019). Digital Culture—A Hurdle or A Catalyst in Employee Engagement.
- Soeiro, A. (2019). *Promoting online training opportunities for the workforce in Europe*. Retrieved from
- Solis, B., & Littleton, A. (2017). *The 2017 state of digital transformation*. Retrieved from
- Solis, B., & Szymanski, J. (2016). *The six stages of digital transformation maturity*. Retrieved from
- Storey, V. C., & Song, I.-Y. (2017). Big data technologies and management: What conceptual modeling can do. *Data Knowledge Engineering*, 108, 50-67.
- Strønen, F., Rønning, V. H., & Breunig, K. J. (2019). *Innovation Capabilities in Banking: The Case of Norwegian Mobile Payment*. Paper presented at the European Conference on Knowledge Management.
- Suddaby, R. (2010). Editor's comments: Construct clarity in theories of management and organization. In: Academy of Management Briarcliff Manor, NY.

- Suharnomo. (2016). *Manajemen Indonesia: Strategi Mengelola Karyawan Dalam Perspektif Budaya Nasional*. Jakarta: PT. RajaGrafindo Perkasa.
- Süße, T., Wilkens, U., Hohagen, S., & Artinger, F. (2018). Digital competence of stakeholders in Product-Service Systems (PSS): Conceptualization and empirical exploration. *Procedia CIRP*, 73(1), 197-202.
- Svahn, F., Mathiassen, L., Lindgren, R., & Kane, G. C. (2017). Mastering the digital innovation challenge. *MIT Sloan Management Review*, 58(3), 14.
- Tabrizi, B., Lam, E., Girard, K., & Irvin, V. (2019). Digital transformation is not about technology. *Harvard Business Review*, 13(March), 1-6.
- Tadeu, H. F. B., Duarte, A. L. d. C. M., Taurion, C., & Jamil, G. L. (2019). Digital Transformation: Digital Maturity Applied to Study Brazilian Perspective for Industry 4.0. In *Best Practices in Manufacturing Processes* (pp. 3-27): Springer.
- Talamonti, M., & Siciliano, L. (2019). *A distinctive approach to performance measurement of a digital transformation programme in an energy company*. Paper presented at the Abu Dhabi International Petroleum Exhibition & Conference, Abu Dhabi.
- Tannou, M., & Westerman, G. (2012). Governance: a central component of successful digital transformation. *MIT Center for Digital Business - Capgemini Consulting, London*.
- Taylor, A., & Helfat, C. E. (2009). Organizational Linkages for Surviving Technological Change: Complementary Assets, Middle Management and Ambidexterity. 20(4). doi:10.1287/orsc.1090.0429
- Teece, D. J. (2007). Explicating dynamic capabilities: the nature and microfoundations of (sustainable) enterprise performance. *Strategic Management Journal*, 28(13), 1319-1350.
- Teece, D. J. (2014). The foundations of enterprise performance: Dynamic and ordinary capabilities in an (economic) theory of firms. *Academy of Management Perspectives*, 28(4), 328-352.
- Teichert, R. (2019). Digital Transformation Maturity: A Systematic Review of Literature. *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis*, 67(6), 1673-1687.
- Teodorescu, T. (2006). Competence versus competency: What is the difference? *Performance Improvement Quarterly*, 45(10), 27-30.
- Tesařová, M., Krmela, A., & Šimberová, I. (2020). Digital support to external sustainability communication in self-adhesive labelling industry. *Entrepreneurship Sustainability Issues*, 7(3), 2109-2125. doi:10.9770/jesi.2020.7.3(44)
- Thambusamy, R., & Palvia, P. (2020). US healthcare provider capabilities and performance: The mediating roles of service innovation and quality. *Information Systems Frontiers*, 22(1), 91-111.
- Torang, S. (2014). *Organisasi & Manajemen (Perilaku, Struktur, Budaya & Perubahan, Organisasi)*. Bandung: Alfabeta.
- Tortorella, G. L., Vergara, A. M. C., Garza-Reyes, J. A., & Sawhney, R. (2020). Organizational learning paths based upon industry 4.0 adoption: An empirical study with Brazilian manufacturers. *International Journal of Production Economics*, 219, 284-294.

- Töytäri, P., Turunen, T., Klein, M., Eloranta, V., Biehl, S., Rajala, R., & Hakanen, E. (2017). Overcoming institutional and capability barriers to smart services.
- Trivellas, P., Akrivouli, Z., Tsifora, E., & Tsoutsas, P. (2015). The impact of knowledge sharing culture on job satisfaction in accounting firms. The mediating effect of general competencies. *Procedia Economics Finance*, 19, 238-247.
- Tronvoll, B., Sklyar, A., Sörhammar, D., & Kowalkowski, C. (2020). Transformational shifts through digital servitization. *Industrial Marketing Management*, 89(August 2020). doi:<https://doi.org/10.1016/j.indmarman.2020.02.005>
- Trotter, A., & Ellison, L. (1997). Understanding competence and competency. In B. Davis & L. Ellison (Eds.), *School Leadership for the 21st Century: A Competency and Knowledge Approach* (pp. 36-53). London: Routledge.
- Tucker, D. A., Hendy, J., & Barlow, J. (2016). The dynamic nature of social accounts: An examination of how interpretive processes impact on account effectiveness. *Journal of Business Research*, 69(12), 6079-6087. doi:10.1016/j.jbusres.2016.06.014
- Tune, N. (2017). *Agile in the UK Government: An Infiltrator's Secrets*. Retrieved from
- Turovets, Y. V., & Vishnevskiy, K. O. (2019). Standardization in digital manufacturing: implications for Russia and the EAEU. *Business Informatics*, 13(3 (eng)), 78-96. doi:10.17323/1998-0663.2019.3.78.96
- Ulas, D. (2019). Digital Transformation Process and SMEs. *Procedia Computer Science*, 158, 662-671. doi:10.1016/j.procs.2019.09.101
- Utomo, R. G. P., Jasfar, F., & Hadi, H. (2018). The Effect of Project-Based Organizational Learning Capability and Dynamic Environment on Project Portfolio Management Capability and Their Implication on Project Capability. *International Journal of Creative Research and Studies*, 2(12).
- van Esch, E., Wei, L. Q., & Chiang, F. F. (2018). High-performance human resource practices and firm performance: The mediating role of employees' competencies and the moderating role of climate for creativity. *The International Journal of Human Resource Management*, 29(10), 1683-1708.
- Van Gulijk, C., & McCulloch, P. (2019). *BowTies for the Digital transformation safety management systems*. Paper presented at the In 29th Institution of Chemical Engineers Symposium on Hazards 2019: HAZARDS 29.
- Van Looy, A. (2017). *A quantitative study of the link between business process management and digital innovation*. Paper presented at the International Conference on Business Process Management, Barcelona, Spain.
- Van Looy, A. (2018). *On the synergies between business process management and digital innovation*. Paper presented at the International Conference on Business Process Management, Sydney.
- Vasilev, V. L., Gapsalamov, A. R., Akhmetshin, E. M., Bochkareva, T. N., Yumashev, A. V., & Anisimova, T. I. (2020). Digitalization peculiarities of organizations: a case study. *Entrepreneurship and Sustainability Issues*, 7(4), 3173-3190. doi:10.9770/jesi.2020.7.4(39)
- Vásquez, J., & La Paz, A. (2019). The Knowledge Body of Requirement Engineering in IST Innovations: An Ontological Analysis. *Journal of Technology Management Innovation*, 14(4), 78-84.

- Veile, J. W., Kiel, D., Müller, J. M., & Voigt, K.-I. (2019). Lessons learned from Industry 4.0 implementation in the German manufacturing industry. *Journal of Manufacturing Technology Management*.
- Vejseli, S., & Rossmann, A. (2017). *The Impact of IT Governance on Firm Performance A Literature Review*. Paper presented at the PACIS.
- Verhoef, P. C., Broekhuizen, T., Bart, Y., Bhattacharya, A., Dong, J. Q., Fabian, N., & Haenlein, M. (2021). Digital transformation: A multidisciplinary reflection and research agenda. *Journal of Business Research*, 122, 889-901.
- Verina, N., & Titko, J. (2019). *Digital transformation: conceptual framework*. Paper presented at the Proc. of the Int. Scientific Conference "Contemporary Issues in Business, Management and Economics Engineering'2019", Vilnius, Lithuania.
- Vey, K., Fandel-Meyer, T., Zipp, J. S., & Schneider, C. (2017). Learning & development in times of digital transformation: Facilitating a culture of change and innovation. *International Journal of Advanced Corporate Learning*, 10(1), 22-32.
- Vial, G. (2019). Understanding digital transformation: A review and a research agenda. *The Journal of Strategic Information Systems*, 28, 118-144. doi:<https://doi.org/10.1016/j.jsis.2019.01.003>
- Virkar, S., Edelmann, N., Hynek, N., Parycek, P., Steiner, G., & Zenk, L. (2019). *Digital Transformation in Public Sector Organisations: The Role of Informal Knowledge Sharing Networks and Social Media*. Paper presented at the International Conference on Electronic Participation.
- Vogelsang, K., Liere-Netheler, K., Packmohr, S., & Hoppe, U. (2019). *Barriers to Digital Transformation in Manufacturing: Development of a Research Agenda*. Paper presented at the Proceedings of the 52nd Hawaii International Conference on System Sciences.
- vom Brocke, J., Fay, M., Schmiedel, T., Petry, M., Krause, F., & Teinzer, T. (2017). A journey of digital innovation and transformation: the case of Hilti. In *Shaping the Digital Enterprise* (pp. 237-251): Springer.
- Von Solms, J., Langerman, J., & Marnewick, C. (2021). Digital transformation in treasury, risk and finance: COVID-19 to accelerate establishment of smart analytical centres in these departments. *Journal of Risk Management in Financial Institutions*, 14(4), 381-394.
- Wacker, J. G. (2004). A theory of formal conceptual definitions: developing theory-building measurement instruments. *Journal of Operations Management*, 22(6), 629-650.
- Walker, A., & Ellis, H. (2000). Technology transfer: strategy, management, process and inhibiting factors. A study relating to the technology transfer of intelligent systems. *International Journal of Innovation Management*, 4(01), 97-122.
- Walsh, J. P., & Ungson, G. R. (1991). Organizational memory. *Academy of Management Review*, 16(1), 57-91.
- Wang, Y., Kung, L., Byrd, T. A., & Change, S. (2016). Big data analytics: Understanding its capabilities and potential benefits for healthcare organizations. *Technological Forecasting and Social Change*, 126, 3-13.
- Warner, K. S., & Wäger, M. (2019). Building dynamic capabilities for digital transformation: An ongoing process of strategic renewal. *Long Range Planning*, 52(3), 326-349. doi:<https://doi.org/10.1016/j.lrp.2018.12.001>

- Weber, B., Butschan, J., & Heidenreich, S. (2017). *Tackling hurdles to digital transformation-the role of competencies for successful IIoT implementation*. Paper presented at the 2017 IEEE Technology & Engineering Management Conference (TEMSCON).
- Weerakoon, C., McMurray, A. J., Rametse, N. M., & Arenius, P. M. (2019). Social capital and innovativeness of social enterprises: opportunity-motivation-ability and knowledge creation as mediators. *Knowledge Management Research Practice*. doi:10.1080/14778238.2019.1590138
- Weritz, P., Braojos, J., & Matute, J. (2020). *Exploring the Antecedents of Digital Transformation: Dynamic Capabilities and Digital Culture Aspects to Achieve Digital Maturity*. Paper presented at the AMCIS 2020 Proceedings, Salt Lake City, Utah.
- Westerman, G., Tannou, M., Bonnet, D., Ferraris, P., & McAfee, A. (2012). The Digital Advantage: How digital leaders outperform their peers in every industry. *MIT Sloan Management - Capgemini Consulting, MA, 2, 2-23*.
- Wiig, K. M. (1997). Knowledge management: an introduction and perspective. *Journal of Knowledge Management, 1(1)*, 6-14.
- Williams, T., & Samset, K. (2010). Issues in front-end decision making on projects. *Project management journal, 41(2)*, 38-49. doi:10.1002/pmj.20160
- Windeler, J., Maruping, L., & Venkatesh, V. (2017). Technical Systems Development Risk Factors the Role of Empowering Leadership in Lowering Developers Stress. *Information systems research, 28(4)*, 687-886. doi:10.1287/isre.2017.0716
- Winkelhake, U. (2018). Corporate Culture and Organisation. In *The Digital Transformation of the Automotive Industry* (pp. 179-221): Springer.
- Winkelhake, U., Winkelhake, & Schilgerius. (2018). *Digital Transformation of the Automotive Industry*: Springer.
- Winkler, R. (2015). Conditions for Implementing Organizational Changes. *Acta logistica, 2(4)*, 21-24.
- Wokurka, G., Banschbach, Y., Houlder, D., & Jolly, R. (2017). Digital culture: Why strategy and culture should eat breakfast together. In *Shaping the Digital Enterprise* (pp. 109-120): Springer.
- Wolf, E. J., Harrington, K. M., Clark, S. L., & Miller, M. W. (2013). Sample size requirements for structural equation models: An evaluation of power, bias, and solution propriety. *Educational psychological measurement, 73(6)*, 913-934.
- Wolf, M., Semm, A., & Erfurth, C. (2018). *Digital transformation in companies—challenges and success factors*. Paper presented at the International Conference on Innovations for Community Services, Žilina, Slovakia.
- Wolff, C., & Nuseibah, A. (2017). *A projectized path towards an effective industry-university-cluster: Ruhrvalley*. Paper presented at the 12th International Scientific and Technical Conference on Computer Sciences and Information Technologies (CSIT).
- Wolfswinkel, J. F., Furtmueller, E., & Wilderom, C. P. (2013). Using grounded theory as a method for rigorously reviewing literature. *European Journal of Information Systems, 22(1)*, 45-55. doi:10.1057/ejis.2011.51
- Xenikou, A., & Simosi, M. (2006). Organizational culture and transformational leadership as predictors of business unit performance. *Journal of Managerial Psychology*.

- Yasir, M., & Majid, A. (2017). Impact of knowledge management enablers on knowledge sharing. *World Journal of Entrepreneurship, Management and Sustainable Development*, 13(1), 16-33.
- Yates, S. (2016). Digital culture clash. In: Cisco, Cardiff, Wales.
- Yazici, H. J. (2010). *Role of project maturity and organizational culture on project success*. Paper presented at the PMI® Research Conference: Defining the Future of Project Management, Washington, DC.
- Yehuala, D. M. (2017). *Critical Success Factors and Key Performance Indicators for e-Government Projects-Towards Untethered Public Services: The Case of Ethiopia*. Paper presented at the International Conference on Information and Communication Technology for Development for Africa, Bahir Dar, Ethiopia.
- Ylijoki, O., & Porras, J. (2018). A recipe for big data value creation. *Business Process Management Journal*, 25(5), 1085-1100.
- Yongping, X., & Haomiao, Z. (2011). *The empirical research on relationship between the relational governance of members based on resources dependence and core enterprise formation in technology innovation networks*. Paper presented at the 2011 International Conference on Business Management and Electronic Information.
- Yoo, S.-K., & Kim, B.-Y. (2019). The effective factors of cloud computing adoption success in organization. *The Journal of Asian Finance, Economics Business*, 6(1), 217-229.
- Younas, M., & Waseem Bari, M. (2020). The relationship between talent management practices and retention of generation 'Y' employees: mediating role of competency development. *Economic research-Ekonomska istraživanja*, 33(1), 1330-1353.
- Young, A., & Rogers, P. (2019). A review of digital transformation in mining. *Mining, Metallurgy Exploration*, 36(4), 683-699.
- Yu, J., & Moon, T. (2021). Impact of Digital Strategic Orientation on Organizational Performance through Digital Competence. *Sustainability*, 13(17), 9766.
- Yucel, S. (2018). *Estimating the Benefits, Drawbacks and Risk of Digital Transformation Strategy*. Paper presented at the 2018 International Conference on Computational Science and Computational Intelligence (CSCI), Las Vegas, NV, USA.
- Yukl, G. (2017). *Kepemimpinan dalam Organisasi edisi ketujuh*. Jakarta: PT. Indeks.
- Zafar, S., & Zafar, U. (2019). Nexuses between induction training and employee job satisfaction: Exploring the moderating role of organizational culture and motivation. *International Journal of Business and Finance Management Research*.
- Zanuzzi, C. M. d. S., Selig, P. M., Pacheco, R. C. d. S., & Tonial, G. (2020). Digital transformation and Brazilian agribusiness: an analysis of knowledge management in the sector. In F. Matos, V. Vairinhos, I. Salavisa, L. Edvinsson, & M. Massaro (Eds.), *Knowledge, People, and Digital Transformation* (pp. 85-101). Switzerland: Springer.
- Zhang, F., & Zhu, L. (2020). Firm collaborative capability and new product development performance: the mediating role of heterogeneous knowledge acquisition. *International Journal of Emerging Markets*. doi:10.1108/IJOEM-10-2019-0862

- Zhen, Z., Yousaf, Z., Radulescu, M., & Yasir, M. (2021). Nexus of digital organizational culture, capabilities, organizational readiness, and innovation: investigation of SMEs operating in the digital economy. *Sustainability, 13*(2), 720.
- Zheng, W., Yang, B., & McLean, G. N. (2010). Linking organizational culture, structure, strategy, and organizational effectiveness: Mediating role of knowledge management. *Journal of Business Research, 63*(7), 763-771.
- Zidane, Y. J.-T., & Olsson, N. O. (2017). Defining project efficiency, effectiveness and efficacy. *International Journal of Managing Projects in Business, 10*(3), 621-641. doi:10.1108/IJMPB-10-2016-0085