

International Journal of Industrial Engineering and Management



Research Trends and Topics in IJIEM from 2010 to 2020: A Statistical History

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References

- [1] D. Romero, G. Von Cieminski, T. Wuest, P. Gaiardelli, I. Moon, G. Pezzotta, S. Wiesner, M. Macchi, J. Baalsrud Hauge, I. Roda, D. Powell, T. Netland, B.S. Kulvatunyou, N. Szirbik, C. Roser, E. Alfnes, and M. Rudberg, "Advances in Production Management Systems: Issues, Trends, and Vision Towards 2030," IFIP Advances in Information and Communication Technology, vol. 600, pp. 194-221, 2021. doi: 10.1007/978-3-030-81701-5_8
- [2] U. Marjanovic, B. Lalic, N. Medic, J. Prester, and I. Palcic, "Servitization in manufacturing: role of antecedents and firm characteristics," International Journal of Industrial Engineering and Management, vol. 11, no. 3, pp. 146-156, 2020. doi: 10.24867/ IIIEM-2020-2-259
- [3] W. Hu, Y. W. Hu, W. H. Yao, W. Q. Lu, H. H. Li, and Z. W. Lv, "A blockchain-based smart contract trading mechanism for energy power supply and demand network," Advances in Production Engineering & Management, vol. 14, no. 3, pp. 284-296, 2019. doi: 10.14743/apem2019.3.328
- [4] S. R. Moro, P. A. Cauchick-Miguel, and G. H. S. Mendes, "Product-service systems benefits and barriers: an overview of literature review papers," International Journal of Industrial Engineering and Management, vol. 11, no. 1, pp. 61-70, 2020. doi: 10.24867/ IJIEM-2020-1-253
- [5] K. Buntak, M. Kovačić, and M. Mutavdžija, "Application of Artificial Intelligence in The Business," Int. J. Qual. Res., vol. 15, no. 2, pp. 403–416, 2021, doi: 10.24874/IJQR15.02-03
- [6] U. Marjanovic, "About IJIEM Journal," University of Novi Sad, Faculty of Technical Sciences, [Online]. Available: http://ijiemjournal.uns.ac.rs/about.html. [Accessed 10 March 2021].
- [7] Elsevier, "Scopus," 2018. [Online]. Available: www.scopus.com.
- [8] G. Shang, B. Saladin, T. Fry, and J. Donohue, "Twenty-six years of operations management research (1985-2010)," International Journal of Production Research, vol. 53, no. 20, pp. 6161-6197, 2015. doi: 10.1080/00207543.2015.1037935
- [9] A. M. T. Thomé, L. F. Scavarda, and A. J. Scavarda, "Conducting systematic literature review in operations management," Production Planning & Control, vol. 27, no. 5, pp. 408-420, April 2016. doi: 10.1080/09537287.2015.1129464
- [10] Clarivate, "Web of Science," [Online]. Available: www.clarivate.com.
- [11] B. V. Elsevier, "Scopus," 2021. [Online]. Available: www.scopus.com.
- [12] R. Romero-Silva and E. Marsillac, "Trends and topics in IJPR from 1961 to 2017: a statistical history," International Journal of Production Research, vol. 57, no. 15-16, pp. 4692-4718, 2019. doi: 10.1080/00207543.2018.1551638
- [13] N. J. van Eck and L. Waltman, "Visualising Bibliometric Networks," Measuring Scholarly Impact: Methods and practice, pp. 285-320, 2014. doi:10.1007/s11192-009-0146-3
- [14] C. Cancino, J. M. Merigo, F. Coronado, Y. Dessouky and M. Dessouky, ""Forty Years of Computers & Industrial Engineering: A Bibliometric Analysis," Computers & Industrial Engineering, vol. 113, pp. 614-629, 2017. doi:10.1016/j.cie.2017.08.033
- [15] L. Sigifredo, J. M. Merigo, M. Jaime, R. Slowinski, B. Immanuel, B. Emanuele, D. G. Robert, O. José Fernando, and T. Ruud, "Forty Years of the European Journal of Operational Research: A Bibliometric Overview," European Journal of Operational Research, vol. 262, no. 3, pp. 803-816, 2017. doi: 10.1016/j.ejor.2017.04.027
- [16] VOSviewer, "Welcome to VOSviewer," 14 May 2021. [Online]. Available: https://www.vosviewer.com/.
- [17] Minitab, "Minitab POWERFUL STATISTICAL SOFTWARE EVERYONE CAN USE," Minitab, LLC, [Online]. Available: https://www.minitab.com/en-us/products/minitab/. [Accessed 14 May 2021].
- [18] J. Tiihonen and A. Felfernig, "An introduction to personalization and mass customization," Journal of Intelligent Information Systems, vol. 49, no. 2, pp. 1-7, 2017. doi: 10.1007/s10844-017-0465-4

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- [19] H. Zhao, L. McLoughlin, V. Adzhiev and A. Pasko, ""Why do we not buy mass customised products?" An investigation of consumer purchase intention of mass customised products," International Journal of Industrial Engineering and Management, vol. 10, no. 2, pp. 181-190, 2019. doi: 10.24867/IJIEM-2019-2-238
- [20] N. Jankelova and D. Puhovichova, "Changes in the application of methods and techniques in the implementation of managerial functions in the context of the impact the Fourth industrial revolution," INTERNATIONAL SCIENTIFIC JOURNAL "INDUSTRY 4.0", vol. 4, no. 6, pp. 306-308, 2019.
- [21] A. Ivanisevic, A. Losonc, S. Moraca, P. Vrgovic and I. Katic, "Exploring the Business Planning Practices in Smes in a Developing Country," International Journal of Industrial Engineering and Management, vol. 10, no. 1, pp. 105-114, 2019. doi: 10.24867/ IJIEM-2019-1-105
- [22] L. Grafmuller, S. Hankammer, S. Honigsberg and H. Wache, "Developing complex, mass-customized products in SME networks: Perspectives from co-creation, solution space development, and information system design," International Journal of Industrial Engineering and Management, vol. 9, no. 4, pp. 215-227, 2018. doi: 10.24867/IJIEM-2018-4-215
- [23] C. Kankam-Kwarteng, J. Donkor and S. Acheampong, "Measuring Performance of SMEs Service Firms," Journal of Management Research, vol. 19, no. 2, pp. 103-119, 2019.
- [24] P. Petera, J. Wagner and L. Soljakova, "Strategic management accounting and strategic management: The mediating effect of performance evaluation and rewarding," International Journal of Industrial Engineering and Management, vol. 11, no. 2, pp. 116-132, 2020. doi: 10.24867/IJIEM-2020-2-258
- [25] L. D. Xu, E. L. Xu and L. Li, "Industry 4.0: state of the art and future trends," International Journal of Production Research, vol. 56, no. 8, pp. 2941-2962, 2018. doi: 10.1080/00207543.2018.1444806
- [26] P. Blaga, "The Importance of Human Resources in the Continuous Improvement of the Production Quality," in 13th International Conference Interdisciplinarity in Engineering (INTER-ENG 2019), Targu Mures, Romania, 2020.
- [27] M. Dukic Mijatovic, O. Uzelac and A. Stoiljkovic, "Effects of human resources management on the manufacturing firm performance: Sustainable development approach," International Journal of Industrial Engineering and Management, vol. 11, no. 3, pp. 205-212, 2020. doi: 10.24867/IJIEM-2020-3-265
- [28] I. Korobanicova and N. Kovacova, "Human Capital Investment: Practices and Measurement In Slovak Enterprises," International Journal of Industrial Engineering and Management, vol. 9, no. 3, pp. 139-146, 2018. doi: 10.24867/IJIEM-2018-3-139
- [29] J. Alonso-Garcia, F. Pablo-Marti and E. Nunez-Barriopedro, "Omnichannel Management in a B2B context: Concept, research agenda and bibliometric review," International Journal of Industrial Engineering and Management, vol. 12, no. 1, pp. 37-48, 2021. doi: 10.24867/IJIEM-2021-1-275
- [30] M. Crnjac, I. Veza, and N. Banduka, "From concept to the introduction of industry 4.0," International Journal of Industrial Engineering and Management, vol. 8, no. 1, pp. 21-30, 2017.
- [31] D. Kiel, J. Muller, C. Arnold and K.-I. Voigt, "Sustainable Industrial Value Creation: Benefits and Challenges of Industry 4.0," International Journal of Innovation Management, vol. 21, no. 8, 2017. doi: 10.1142/S1363919617990018
- [32] D. Beric, D. Stefanovic, B. Lalic and I. Cosic, "The Implementation of ERP and MES Systems as a Support to Industrial Management Systems," International Journal of Industrial Engineering and Management, vol. 9, no. 2, pp. 77-86, 2018.
- [33] I. Bestvina Bukvic and I. Djurdjevic Babic, "The Impact of Government Measures on Business Development in the ICT sector," International Journal of Industial Engineering and Management, vol. 12, no. 1, pp. 63-72, 2021. doi: 10.24867/IJIEM-2021-1-277