

Human Capital Management in the Wandering Context of Events – Challenges for the Managerial Staff

edited by Marzena Stor



Publishing House of Wroclaw University of Economics and Business
Wroclaw 2022

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Wroclaw 2022

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e-ISBN 978-83-7695-988-7

DOI 10.15611/2022.988.7

Quote as: Stor, M. (Ed.). (2022). *Human capital management in the wandering context of events – challenges for the managerial staff*. Wroclaw: Publishing House of Wroclaw University of Economics and Business.

Chapter 9

THE IMPORTANCE OF ROLE AND TASKS OF HR BUSINESS PARTNERS DURING THE COVID-19 PANDEMIC

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How to cite this chapter: Tabor-Błażewicz, J. (2022). The importance of role and tasks of HR Business Partners during the COVID-19 pandemic. In M. Stor (Ed.), *Human capital management in the wandering context of events – challenges for the managerial staff* (pp. 98-106). Wrocław: Publishing House of Wrocław University of Economics and Business.

9.1. Introduction

This chapter continues with the thread of the pandemic, which has already been addressed in previous chapters. Therefore, at the beginning it should be emphasized again that the COVID-19 pandemic has brought colossal changes in the way work is organized in companies all around the world. As a result, HR departments were burdened with additional responsibilities in several areas. New procedures for the health and sanitary safety of workers have been implemented, including protective measures, social distancing, and vaccinations. Office work had to be reorganized, taking into account the restrictions implemented by governments.

Moreover, there was a big shift towards remote work, which necessitated organizing ergonomic places to work at home, implementing new communication methods, and providing training for employees – namely all the topics discussed in the previous chapters. Consequently, new models of the so-called hybrid organization have been created to meet the challenges of coordinating employees both in offices and those working online.

In addition, more and more attention was being paid to the physical and psychological well-being of employees and new actions were taken in this area. The form of recruitment and onboarding of employees was changed, transferring many activities to the online sphere. There were changes implemented in development processes: enterprises abandoned traditional courses organized in classrooms but instead took advantage of the benefits of e-learning, as one of the methods mentioned in Chapter 5.

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The changes observable in the roles and responsibilities of HR departments can be attributed also to the positions of HR Business Partners. Hence, **the goal of this chapter** is to juxtapose the meaning of role and tasks of HR Business Partner in companies in two periods of time, i.e. before and during the pandemic. In order to reach this goal the author conducted her own empirical research presented later. The presentation of the research results is preceded by an explanation regarding the adopted theoretical assumptions in the field of the HR Business Partner roles and tasks, and by the description of the empirical research methodics. The research summary and final conclusions make up the last section.

9.2. Theoretical foundations for the HR Business Partner concept

The concept of HR Business Partner (HR BP) in the classic approach was proposed by Ulrich in 1997, who considered a strategic partner, change agent, administrative expert and employee advocate as the main roles of a person representing the HR function in an organization (Ulrich, 1997). In the following years, this concept was refined and expanded by, among others, the addition of a new leadership function (Ulrich and Brockbank, 2005). Finally, Ulrich proposed the model with eight different roles (Ulrich, Kryscynski, Ulrich, Brockbank, and Slade, 2015) as shown below:

- a strategic positioner,
- a credible activist,
- a human capital curator,
- an analytic designer and interpreter,
- a culture and change champion,
- a technology and media navigator,
- a total rewards steward,
- a compliance manager,
- a paradox navigator.

Further changes were proposed by Timms, suggesting the need to transform the thinking about the HR BP position towards performing such roles as: relationship builder, trustee, trainer, agent provocateur, and catalyst for innovation (Timms, 2018).

According to Cewińska (2013), HR BP offers support in organizations in three areas: a strategic partner within the framework of internal services (Corporate Center, Self-Service), Shared Service centers, and centers of specialization (Center of Excellence). HR BP knows and understands the business of the company and is a partner for internal clients, becoming a kind of “face of HR for business” and “face of business for HR”, and thus constitutes a bridge between these two areas in organizations (Kawka, 2010). Being a strategic partner, operations manager, emergency advisor and employee mediator as the main task areas of HR

BP, emphasizing that the work of HR BP is heterogeneous and complex, and the package of tasks includes areas from strategic consulting, to solving individual employee problems (Gołembksi, 2013). Ultimately, HR BP work includes building and analyzing human potential in an organization, planning long-term employment levels and development paths, and using and sharing available knowledge to ensure best practices in human resources management (Stosik, Głowicki, and Zarecka, 2011).

It follows from the above that the concept of HR BP is still at the stage of shaping and changing, which makes it difficult to agree on the scope of the definition for this concept. Nevertheless, it functions in organizations, although in practice its tasks are understood differently, and depend on the particular company's needs. For instance, research based on job offers published in Poland showed that employers are looking for people with very different competencies for this position. HR BPs are seen as staffing experts or HR managers, and only some of job offers mentioned tasks with reference to strategy (Piwowar-Sulej, 2017). Generally, social and personal competencies play a crucial role in the successful performance of HR BP (Staszkiewicz, 2021).

Many organizations struggle with the effective implementation of HR BP functions, thus they use the oldest simple classic Ulrich model. In order to effectively respond to external challenges and provide added value to investors, they must first consolidate HR BP's position within the company (Chudzińska, 2018). Important factors to consider are: the company's business strategy, organizational culture and the location of HR in the organizational structure, as they have the greatest impact on the shape and role of HR BP in organizations (Kopertyńska and Dernowska, 2021). Furthermore, national culture may have influence on the above-mentioned areas, which was proved in research where differences had been found in the design of the HR BP models between the UK and Germany (Wach, Wehner, and Kabst, 2021).

The impact of the COVID pandemic on HR BP activities is not yet scientifically recognized. A literature review with the use of well-known databases, i.e. ProQuest, Ebsco, JSTOR, Scopus provided minor results. The importance of business partnering is mentioned in research as one of the future HR processes required from contemporary HR managers (Schultz, 2021). The evolution of the role of HR Business Partner was shown in the case study of a clothing company operating in Poland (Rosiński, Pieczka, and Stańczyk, 2021).

The articles in fact concern more broadly the role or tasks of HR departments in response to the challenges created by a turbulent environment. Firstly, it was underlined that HR plays a central role during the pandemic facing challenges such as: balancing multiple stakeholders needs, and tensions between strategic and operational roles (Collings, McMackin, Nyberg, and Wright, 2021). Many authors described the negative impact of COVID-19 on physical and mental well-being

(Davidsen and Petersen, 2021), self-rated health (Tušl, Brauchli, Kerksieck, and Bauer, 2021) and relations at work (Juchnowicz and Kinowska, 2021). Employees were worried about losing their jobs, concerned for their own health and the health of family members, felt difficulties in maintaining work-life balance and had a sense of uncertainty about the future. They also believed that mental health training programs would be able to help them reduce their stress levels and support their sense of well-being (Gigi and Pavithra, 2020). Thus, HR departments were involved in providing support in the work-life balance and well-being.

A lot of attention was also paid to remote work, which at first was enforced during the pandemic and then for some organizations stayed as “the new normal”. In fact, nowadays employers create possibilities of hybrid work which is a combination (in many different forms) of traditional and online work (Yang, Kim, and Hong, 2021). It should be stated that hybrid work has many advantages and disadvantages both for employees and employers (Fan and Moen, 2021). Nevertheless, it is increasingly stated that it will become the most popular model on the job-market (Moglia, Hopkins, and Bardoel, 2021), which results in the necessity to design a hybrid office (Fayard, Weeks, and Khan, 2021).

In conclusion, it can be stated that there is a research gap regarding the tasks, responsibilities and importance of the HR BP position during the COVID-19 pandemic, and probable changes caused by its impact. The results of the research presented in this article contribute to filling the gap.

9.3. The empirical research methodics

The main goal of the empirical research was to determine whether the meaning of role and tasks of HR Business Partner in companies during the pandemic were significantly different from those in the pre-pandemic period.

The research questions were constructed as follows:

- What was the impact of the COVID-19 pandemic on HR BP's activities and responsibilities?
- What was the change in priorities on the HR BP position when comparing the period before and during the pandemic?
- What are the main roles of HR BP in the crisis situation caused by COVID-19?

The quantitative study with the use of the author's questionnaire and CATI interview was carried out in October-November 2020. Nonprobability sampling was used to select the respondents, thus it is not allowed to transfer statistical data to the entire population, but probable trends occurring in a given community may be discussed.

Taking into consideration the fact that Polish small enterprises are still mostly unaware of the proposition value and possible services of HR BP (Matuska and Niedzielski, 2018), hence do not usually have such position in their structures, the research focused on large organizations only. The final research sample included

102 companies operating in Poland, representing 10 different industries; almost one-third of them represented industry (31%), about one tenth sales (12%), and services (10%). All the companies employed 250 or more employees, of which 64% employed up to 500 people.

The CATI interview was conducted with the representative sample groups from the selected organizations who worked as HR department managers (66%), or held positions of HR specialists (34%). Detailed descriptions of the respondents characteristics is presented in Table 9.1.

Table 9.1. Profile of the respondents

Organizations' profile	
Industry	<ul style="list-style-type: none"> – banking – 9% – construction – 5% – energy – 7% – pharmaceuticals and health care – 9% – finance and insurance – 9% – industry – 31% – sales – 12% – services – 10% – high-tech – 1% – transport and logistics – 8%
Employment	<ul style="list-style-type: none"> – 250-500 employees – 64% – 501-1000 employees – 32% – 1001-2000 employees – 4%
Representatives' profile	
Position in the structure	<ul style="list-style-type: none"> – director/manager of HR department – 66% – HR specialist – 34%
Experience in a given organization	<ul style="list-style-type: none"> – 1-5 years of experience – 28% – 6-10 years of experience – 66% – over 10 years of experience – 6%

Source: own study.

9.4. Empirical research findings

In order to answer the first research question of what was the impact of the COVID-19 pandemic on HR BP's activities and responsibilities, the respondents were asked about the overall impact of the pandemic on the activities carried out in the HR Business Partner position. For 80% companies, this impact was felt (with 15% selecting "definitely yes" and 66% "rather yes"), while only 5% said they had not felt such impact, and 14% marked the answer "hard to say". The respondents were then asked how the pandemic affected particular HR BP activities. The answers are presented in Table 9.2.

Table 9.2. Impact of the COVID-19 pandemic on the HR BP position (in %)*

Type of impact	Yes, we have felt the impact in this area	No, we have not felt the impact in this area
The scope of HR Business Partner activities has increased	40	60
The scope of responsibilities in this position has increased	63	37
There is a growing understanding of the importance of the existence of the HR BP position	43	57
The scope of HR Business Partner activities has decreased	0	100
Responsibilities have been reduced	0	100

* The respondents could select several answers.

Source: own study.

The results show that the pandemic had the greatest impact on increasing the scope of responsibilities in the position of HR Business Partner. This impact was felt by 63% of the surveyed organizations, while in 40% of the organizations, it was perceived as increasing the scope of HR Business Partner activities. Importantly, due to the emergence of new conditions in the environment, the need to act under the pressure of economic conditions which were deteriorating due to the pandemic, the understanding of the importance of having such a position, has increased in 43% of organizations.

For the second research question, which was to identify the change in priorities on the HR BP position comparing the time before and during the pandemic, the respondents were asked to set priorities to particular processes of HR BP activity in these two periods of time. The pool of processes included:

- supporting the management board,
- building relations with employees,
- implementing changes,
- conducting strategic projects,
- HR analytics.

The results presented in Figure 9.1 show that before the pandemic, building relations with employees was an important area of HR BP activities: 40% respondents indicated it as the first priority and 18% as the second priority. Nevertheless, it should be also mentioned that for 18% it was the last priority. Furthermore, implementing changes seemed to be an important process for organizations as 30% perceived it as the first priority, and 18% as the second one. However, one-third of the respondents considered it as the last priority. HR analytics was seen usually as the second (42%) or third (30%) priority. As far as the support of the Board is considered, it should be emphasized that there is a very diverse approach to this area (almost one-third considered it as the last priority) which seems to be quite different

from what transpires from the literature and the discussed models. The last process – conducting strategic projects – was indicated as the least important activity of HR BP (with 47% as the fourth priority and 24% as the fifth).

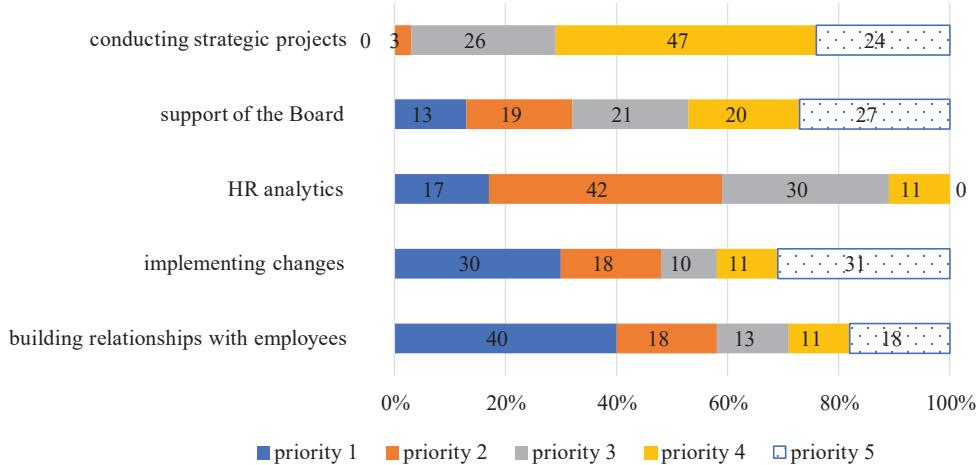


Figure 9.1. HR BP priorities before the COVID-19 pandemic

Source: own study.

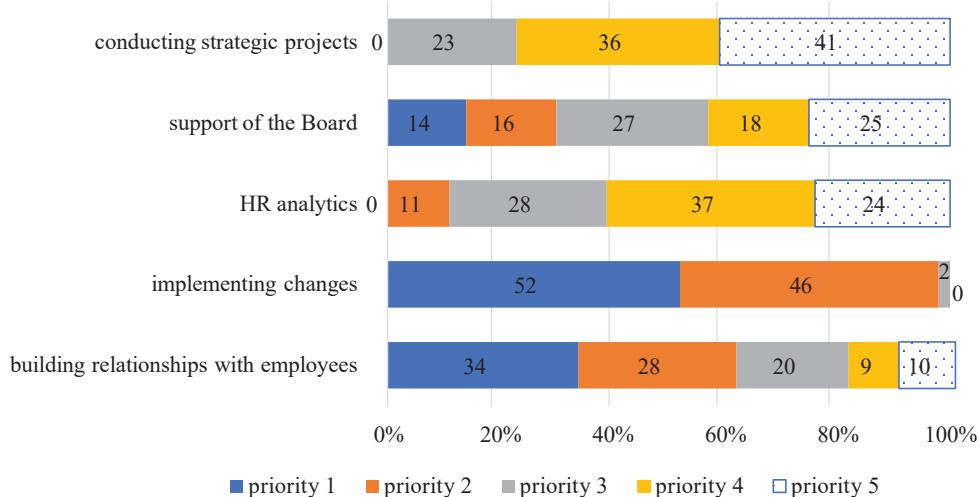


Figure 9.2. HR BP priorities during the COVID-19 pandemic

Source: own study.

As a result of the pandemic, there has been a change in HR BP priorities (see Figure 9.2). First place was definitely taken by implementing changes, indicated as the first priority by 52% of the respondents, and the second priority by 46%. The process of building relationships with employees dropped to the second place, but was still important for organizations (34% indicated it as the first priority, and 28% as the second priority). Third place was taken by support of the Board with 14% of indications as being the first priority, and 16% as the second priority. Finally, HR analytics was in fourth place, and conducting strategic projects was seen as the last priority.

The third research question concerned the main roles of HR BP in the crisis situation caused by COVID-19. The detailed answers are presented in Figure 9.3.

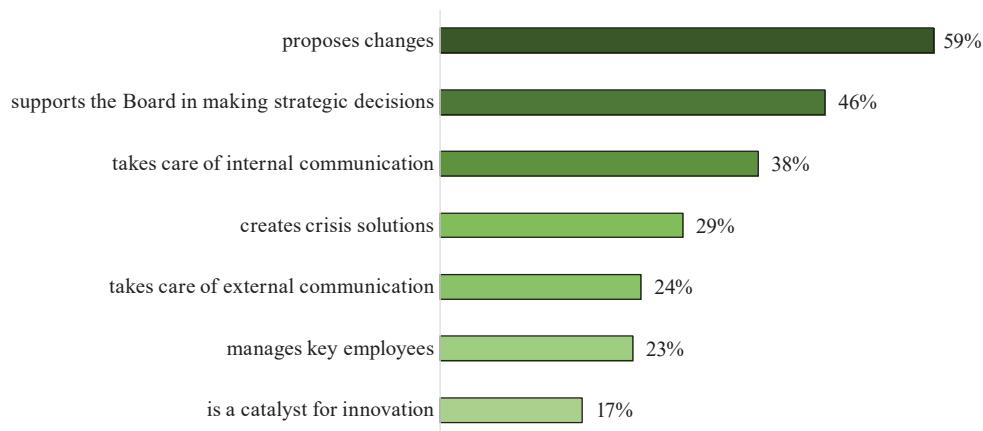


Figure 9.3. The role of HR BP in the crisis situation caused by the COVID-19 pandemic

Source: own study.

The most important role for 59% of the respondents was proposing changes; next chosen (46%) was the support of the management board in making strategic decisions which is somewhat contrary to the previous question, in which the support of the board was ranked lower in the priorities. Taking care of internal communication was ranked third (38%), which seems understandable in the era of the pandemic. The relatively low position of the task concerning the creation of crisis solutions is somewhat surprising, yet the research shows that HR BPs participate in such processes only in every third organization.

9.5. Final conclusions and research summary

In light of the empirical research findings presented in the previous section, it can be confirmed that the goal has been achieved. One can conclude that the vast majority

of companies have felt the impact of the pandemic on the activities carried out in the HR Business Partner function. Taking into account the literature studies which indicate a diverse approach to the role and tasks of the person employed in this position, it can be concluded that this impact is difficult to generalize.

A recurring area in the respondents' answers was the introduction or proposal of changes, which were inevitable for almost all companies in the pandemic year 2020. Another important area was building relationships with employees and taking care of internal communication. In particular, distrust and resistance may arise when implement changes, hence proper care of these areas can be helpful in achieving strategic goals and supporting the organization in overcoming a crisis situation. However, the results do not support the Ulrich model with the strategic partner function in first place, but they are rather in compliance with Timms' roles of relationships builder and trustee.

Finally, referring to the goal of this chapter, one can also conclude that it has been attained, as the author managed to juxtapose the meaning of role and tasks of HR Business Partner in companies in two periods of time, i.e. before and during the pandemic. In short, the pandemic has increased the responsibility regarding HR Business Partners. In many companies, the understanding of the importance of the existence of such a position has increased. The role of HR Business Partner in the aspect of introducing changes has been strengthened, yet it still remains important to build relations with employees. In a crisis situation, HR BP, in addition to introducing changes, supports the management board in making strategic decisions and takes care of internal communication.

The presented research findings contribute to filling part of the research gap. The proposed areas for further analyses are: verification of the competencies necessary for the effective implementation of the HR Business Partner function (both in a situation of economic prosperity and taking into account the crisis), and extending research on tasks carried out as HR Business Partner – depending on the structure of the company and industry – onto a larger number of organizations, as well as verification of the changes in priorities in coming years.

REFERENCES

1. Aamondt, M. G. (2004). *Applied industrial/Organisational psychology* (4th ed.). Thomson/Wadsworth.
2. Abualoush, S., Bataineh, K., and Alrowwad, A. A. (2018). The role of knowledge management process and intellectual capital as intermediary variables between knowledge management infrastructure and organization performance. *Interdisciplinary Journal of Information, Knowledge, and Management*, 13, 279.
3. Ackermann, K. F. (2017). Badania nad zielonym zarządzaniem zasobami ludzkimi. Stan według współczesnej wiedzy. *Zarządzanie Zasobami Ludzkimi*, (6).
4. Adenuga, O. A. (2015). Impact of occupational stress on job satisfaction and mental health of first bank employees : Implication for personnel psychologists. *American Journal of Psychology and Cognitive Science*, 1(1), 1-21.
5. Akkermans, J., Richardson, J., and Kraimer, M. L. (2020). The COVID-19 crisis as a career shock: Implications for careers and vocational behavior. *Journal of Vocational Behaviour*, (119). <https://doi.org/10.1016/j.jvb.2020.103434>
6. Al Mansoori, S., Salloum, S. A., and Shaalan, K. (2021). The impact of artificial intelligence and information technologies on the efficiency of knowledge management at modern organizations: A systematic review. In M. Al-Emran, K. Shaalan, A. Hassanien (Eds.), *Recent advances in intelligent systems and smart applications. Studies in systems, decision and control* (vol. 295). Springer, Cham.
7. Al-Ajmi, R. (2001). The effect of personal characteristics on job satisfaction: A study among male managers in the Kuwait oil industry. *International Journal of Commerce & Management*, (11), 91-101.
8. Ali, Z., Bashir, M., and Mehreen, A. (2019). Managing organizational effectiveness through talent management and career development: The mediating role of employee engagement. *Journal of Management Sciences*, 6(1), 62-78.
9. Alli, B. O. (2008). *Fundamental principles of occupational health and safety*. Geneve: International Labour. Retrieved July 14, 2020 from https://www.ilo.org/wcmsp5/groups/public/@dgreports/@dcomm/@publ/documents/publication/wcms_093550.pdf
10. Amos, P. M., Acquah, S., Antwi, T., and Adzifome, N. S. (2015). A comparative study of factors influencing male and female lecturers' job satisfaction in Ghanaian higher education. *Journal of Education and Practice*, 6(4), 1-11.
11. Anzengruber, J., Goetz, M., Nold, H. and Woelfle, M. (2017). Effectiveness of managerial capabilities at different hierarchical levels. *Journal of Managerial Psychology*, 32(2), 134-148. doi: <http://dx.doi.org/10.1108/JMP-12-2015-0451>
12. Armstrong, M. (2000). *Zarządzanie zasobami ludzkimi*. Kraków: Oficyna Ekonomiczna.
13. Armstrong, M. (2006). *A handbook of human resource management practice*. Kogan Page Publishers.
14. Arokiasamy, L., Mansouri, N., Balaraman, R. A., and Kassim, N. (2017). A literature review of competence development on academic career advancement: A human resource development perspective. *Global Business & Management Research*, 9(1), 403-414.
15. *Aspekty pracy zdalnej z perspektywy pracownika, pracodawcy i gospodarki*. (2021). Retrieved December 15, 2021 from <https://www.parp.gov.pl/component/publications/publication/aspekty-pracy-zdalnej-z-perspektywy-pracownika-pracodawcy-i-gospodarki>
16. Assen, M. F. (2021). Training, employee involvement and continuous improvement – the moderating effect of a common improvement method. *Production Planning & Control*, 32(2), 132-144. doi: [10.1080/09537287.2020.1716405](https://doi.org/10.1080/09537287.2020.1716405)

17. Auer, P. (2006). Protected mobility for employment and decent work: Labour market security in a globalized work. *Journal of Industrial Relations*, 48(1), 21-40. doi: 10.1177/0022185606059312
18. Bachtiar, D., Sudibjo, N., and Bernarto, I. (2018). The effects of transformational leadership, perceived organizational support on job and life satisfaction of preschool teachers. *International Information Institute (Tokyo) Information*, (21), 1301-1320.
19. Bajpai, N., and Srivastava, D. (2004). Sectorial comparison of factors influencing job satisfaction in Indian banking sector. *Singapore Management Review*, (26), 89-99.
20. Balcerzyk, R. (2021). Intra-organizational conditions in knowledge sharing. *European Research Studies Journal*, 24(1), 762-775.
21. Barley S. R., Bechky B. A., and Milliken, F. J. (2017). The changing nature of work: Careers, identities, and work lives in the 21st century. *Academy of Management Discoveries*, 2(3).
22. Bartkowiak, G. (2009). *Człowiek w pracy. Od stresu do sukcesu w organizacji*. Warszawa: Polskie Wydawnictwo Ekonomiczne.
23. Bartram, D., and Roe, A. R. (2005). Definition and assessment of competences in the context of the European Diploma in Psychology. *European Psychologist*, 10(2), 93-102.
24. Bateh, D. (2018). Leadership style from millennials to generation z transformed (Conference paper). Academy of Management. Retrieved from https://www.researchgate.net/publication/331736235_Leadership_from_Millennials_to_Generation_Z_Transformed
25. Batko, R. (2021). *Management and organisation in the age of AI*. The Routledge Social Science Handbook of AI.
26. Becker, B. E., Huselid, M. A., and Ulrich, D. (2001). *The HR scorecard: Linking people, strategy, and performance*. Boston: Harvard Business School Press.
27. Bekesiene, S., and Prūsevičius, G. (2020). Simulators usage assessment for higher military readiness. *Challenges to National Defence in Contemporary Geopolitical Situation*, (1), 114-124.
28. Belina, B. (2017). Szkolenie i doskonalenie jako jeden z kluczowych czynników rozwoju organizacji. *Polish Journal of Continuing Education*, (4), 128- 137.
29. Bersin, J. (2021). *AI-enabled coaching is hot. And there's lots more to come*. Retrieved February 12, 2022 from <https://joshbersin.com/2021/07/ai-enabled-coaching-is-hot-and-theres-lots-more-to-come/>
30. Blanchard's Annual Survey Assessing L&D Trends. (2022). *Learning and development in a hybrid world*. Retrieved February 3, 2022 from <https://www.blanchardaustralia.com.au/static/uploads/files/2022-trends-report-l-d-in-a-hybrid-world-wfrecmwqhcyz.pdf>
31. Boon, C., Den Hartog, D. N., and Lepak, D. P. (2019). A systematic review of human resource management systems and their measurement. *Journal of Management*, 45(6), 2498-2537. <https://doi.org/10.1177/0149206318818718>
32. Boulton, G. (2011). Harvesting talent: Strengthening research careers in Europe. *Procedia Social and Behavioral Sciences*, 13(1), 3-34.
33. Brayfield, A. H., and Rothe, H. F. (1951). An index of job satisfaction. *Journal of Applied Psychology*, 35, 307-311.
34. Brewster, C. (2007). European perspective on HRM. *European Journal of International Management*, 1(3).
35. Browning, L., Thompson, K., and Dawson, D. (2017). From early career researcher to research leader: survival of the fittest? *Journal of Higher Education Policy and Management*, 39(4), 361-377. doi: 10.1080/1360080X.2017.1330814
36. Brzegowy, A. (2021). Wirtualizacja relacji pracowniczych jako wyzwanie współczesnego środowiska pracy. In A. Walasik, *Gospodarka współdzielenia. Rynki – instytucje – organizacje* (pp. 32-243). Katowice: Wydawnictwo Uniwersytetu Ekonomicznego w Katowicach.
37. Bugdol, M., and Stańczyk, I. (2020). *Zielone zarządzanie ludźmi*. Warszawa: Wydawnictwo Difin.

38. Cain, M. S., Leonard, J. A., Gabrieli, J. D., and Finn, A. S. (2016). Media multitasking in adolescence. *Psychonomic Bulletin & Review*, 23(6), 1932-1941. <https://doi.org/10.3758/s13423-016-1036-3>
39. Caligiuri, P., DeCieri, H., Minbaeva, D., Verbeke, A., and Zimmermann, A. (2020). *International HRM insight for navigating the COVID-19 pandemic: Implications for future research and practice*. *Journal of International Business Studies*, (51), 697-713.
40. Cambridge dictionary. (2021). Cambridge University Press. Retrieved from <https://dictionary.cambridge.org/pl/dictionary/english/interest>
41. Cewińska, J. (2013). HR Manager in the light of the HR Business Partner concept. *Acta Universitatis Lodzienensis, Folia Oeconomica*, (283), 79-87.
42. Chanana, N. (2021). The impact of COVID-19 pandemic on employees organizational commitment and job satisfaction in reference to gender differences. *Journal of Public Affairs*, 21(4). <https://doi.org/10.1002/pa.2695>
43. Chaudhary, R. (2019). Green human resource management and employee green behavior: An empirical analysis. *Corporate Social Responsibility and Environmental Management*, 27(2).
44. Chudzińska, K. (2018). Ewolucja modelu HR Business Partner. *Marketing i Zarządzanie*, 1(51), 9-19. doi: 10.18276/miz.2018.51-01
45. Chung, H., and Mau, S. (2014). Subjective insecurity and the role of institutions. *Journal of European Social Policy*, 24(4), 303-318. doi: 10.1177/0958928714538214
46. Cierniak-Emerych, A., and Gableta, M. (2022). *Gospodarowanie potencjałem pracy zorientowane na interesy pracobiorców*. Wrocław: Wydawnictwo Uniwersytetu Ekonomicznego we Wrocławiu.
47. Ciolan, L., and Ciolan, L. (2011). Training the untrainable. A blended learning approach to university academic staff competence development. *eLearning & Software for Education*, 1-6.
48. Clark, D. (2020). *Artificial intelligence for learning: How to use AI to support employee development*. London: Kogan Page Limited.
49. Collings, D. G., McMackin J., Nyberg, A. J., and Wright, P. M. (2021). Strategic human resource management and COVID-19: Emerging challenges and research opportunities. *Journal of Management Studies*. <https://doi.org/10.1111/joms.12695>
50. Collins, H. (2006). Flexibility and stability of expectations in the contract of employment. *Socio-Economic Review*, 4(1), 139-153. doi: 10.1093/SER/mwj036
51. Cook, E. M., Wildschut, T., and Sander, T. (2017). Understanding adolescent shame and pride at school: Mind-sets and perceptions of academic competence. *Educational & Child Psychology*, 34(3), 119-129.
52. Cooke, F. L., Dickmann, M., and Parry, E. (2022). Building sustainable societies through human-centred human resource management: Emerging issues and research opportunities. *The International Journal of Human Resource Management*, 33(1), 1-15. doi: 10.1080/09585192.2021.2021732
53. Creswell, J. W., Hanson, W. E., Clark Plano, V. L., and Morales, A. (2007). Qualitative research designs: Selection and implementation. *The Counseling Psychologist*, 35(2).
54. Crowley, E., and Overton, L. (2021). *Learning and skills at work survey 2021*. London: Chartered Institute of Personnel and Development (CIPD). Retrieved February 20, 2022 from <https://www.cipd.co.uk/knowledge/strategy/development/learning-skills-work>
55. Czainska, K. (2019). Diagnosing and developing the e-business competencies of the “Z” generation. *Zeszyty Naukowe Uniwersytetu Przyrodniczo-Humanistycznego w Siedlcach*, (122), *Administracja i Zarządzanie*, (49), 5-12.
56. Czarniawska, B. (2018). *Badacz w terenie, pisarz przy biurku. Jak powstają nauki społeczne*. Łódź: Wydawnictwo SIZ.
57. Dalkir, K. (2013). *Knowledge management in theory and practice*. Routledge.
58. Davidsen, A. H., and Petersen, M. S. (2021). The impact of covid-19 restrictions on mental well-being and working life among Faroese employees. *International Journal of Environmental Research and Public Health*, (18), 4775. <https://doi.org/10.3390/ijerph18094775>

59. De Cieri, H., Shea, T., Cooper, B., and Oldenburg, B. (2019). Effects of work-related stressors and mindfulness on mental and physical health among Australian nurses and healthcare workers. *Journal of Nursing Scholarship*, 51(5), 580-589.
60. Dębska, E. (2012). Chaos pojęciowy wokół szkoleń i treningów. Próba uporządkowania terminologii. *Edukacja Dorosłych*, (1), 23.
61. DelSignore, P. (2021). *Education in the metaverse*. Retrieved February 21, 2022 from <https://medium.com/the-future-of-learning-and-education/education-in-the-metaverse-5a2b579f6cf3>
62. Dereń, A. M., and Skonieczny, J. (2021). Proactive and reactive actions of the organization during COVID-19 pandemic crisis. *European Research Studies Journal*, XXIV(2), 358-368.
63. Dessler, G. (2020). *Human resource management*. Boston: Pearson Education Limited.
64. Di Vaio, A., Palladino, R., Pezzi, A., and Kalisz, D. E. (2021). The role of digital innovation in knowledge management systems: A systematic literature review. *Journal of Business Research*, 123, 220-231.
65. Digital Poland i CIONET. (2022). *Jak rozwiązać problem luki w umiejętnościach ery cyfrowej. Spostrzeżenia społeczności Digital Shapers i CIONET*. Retrieved February 20, 2022 from <https://digitalpoland.org/publikacje>
66. Doctrine of training of the Armed Forces of the Republic of Poland DD/7(A). Ref. 837/2010.
67. Dolot, A. (2018). The characteristics of generation Z. *E-mentor*, 2(74), 44-50.
68. Dolot, A. (2020). *Wpływ pandemii covid-19 na pracę zdalną – perspektywa pracownika*. *E-mentor*, 1(83), 35-43. <https://doi.org/10.15219/em83.1456>
69. Donley, J. (2021). The impact of work environment on job satisfaction: Pre-covid research to inform the future. *Nurse Leader*, 19(6), 585-589. <https://doi.org/10.1016/j.mnl.2021.08.009>
70. Dörner, O., and Rundel, S. (2021). Organizational learning and digital transformation: A theoretical framework. In D. Ifenthaler, S. Hofhues, M. Egloffstein, C. Helbig C. (Eds.), *Digital transformation of learning organizations*. Springer, Cham. https://doi.org/10.1007/978-3-030-55878-9_4
71. Edwards, T., Sánchez-Mangas, R., Jalette, P., Lavelle, J., and Minbaeva, D. (2016). Global standardization or national differentiation of HRM practices in multinational companies? A comparison of multinationals in five countries. *Journal of International Business Studies*, 47(8), 997-1021. <http://www.jstor.org/stable/26169981>
72. Ejdys, J., Lulewicz, A., and Obolewicz, J. (2008). *Zarządzanie bezpieczeństwem w przedsiębiorstwie*. Białystok: Wydawnictwo Politechniki Białostockiej.
73. Emmorey, K. D., and Fromkin, V. A. (1988). The mental lexicon. *Linguistics: The Cambridge Survey*, (3), 124-149.
74. *Employees expectations from employers in modern business*. Retrieved January 2, 2021 from <https://www.linkedin.com/pulse/employees-expectations-from-employers-modern-business-hafij-ali>
75. Encyklopedia PWN. (n.d.). Retrieved May 17, 2021 from <https://encyklopedia.pwn.pl/haslo/aktywnosc-społeczna;3867107.html>
76. Erro-Garcés, A., and Ferreira, S. (2019). Do better workplace environmental conditions improve job satisfaction? *Journal of Cleaner Production*, (219). doi: 10.1016/j.jclepro.2019.02.138
77. European Agency for Safety and Health at Work. (2004). *Corporate social responsibility and safety and health at work*. Retrieved April 2, 2021 from <https://osha.europa.eu/en/publications/reports/210/>
78. European Commission. Directorate for Research & Innovation. (2011). *Towards a European framework for researcher careers*. Retrieved from https://cdn5.euraxess.org/sites/default/files/policy_library/towards_a_european_framework_for_research_careers_final.pdf
79. Evans, L. (1997). Understanding teacher morale and job satisfaction. *Teaching and Teacher Education*, 13(8), 831-845.
80. Fan, W., and Moen, P. (2021, October). Working more, less or the same during covid-19? A mixed method, intersectional analysis of remote workers. *Work and Occupations*, 1-44.

81. Farndale, E., and Paauwe, J. (2018). SHRM and context: Why firms want to be as different as legitimately possible. *Journal of Organizational Effectiveness: People and Performance*, 5(3), 202-210. <https://doi.org/10.1108/joepp-04-2018-0021>
82. Farndale, E., Pai, A., Sparrow, P., and Scullion, H. (2014). Balancing individual and organizational needs in global talent management: A mutual-benefits perspective. *Journal of World Business*, 49(2), 204-214.
83. Farndale, E., and Sanders, K. (2017). Conceptualizing HRM system strength through a cross-cultural lens. *The International Journal of Human Resource Management*, 28(1), 132-148.
84. Fayard, A. L., Weeks, J., and Khan, M. (2021, March-April). Designing the hybrid office. *Harvard Business Review*, 202, 1-11.
85. Feitosa, J., and Salas, E. (2020). Today's virtual teams: Adapting lessons learned to the pandemic context. *Organizational Dynamics*. <https://doi.org/10.1016/j.orgdyn.2020.100777>
86. Fenton-O'Creevy, M., Gooderham, P., and Nordhaug, O. (2008). Human resource management in US subsidiaries in Europe and Australia: Centralisation or autonomy? *Journal of International Business Studies*, 39(1), 151-166. <http://www.jstor.org/stable/25483251>
87. Fernandes, C., Griffith, D. A., and Lages, L. F. (2014). The performance effects of vertical and horizontal subsidiary knowledge outflows in multinational corporations. *International Business Review*, 23(5), 993-1007. <https://doi.org/10.1016/j.ibusrev.2014.03.002>
88. Ferreira, J., Mueller, J., and Papa, A. (2018). Strategic knowledge management: Theory, practice and future challenges. *Journal of Knowledge Management*, 24(2), 121-126.
89. Ferri, F., Grifoni, P., and Guzzo, T. (2020). Online learning and emergency remote teaching: Opportunities and challenges in emergency situations. *Societies*, 10(4). <https://doi.org/10.3390/soc10040086>
90. Field, A. (2013). *Discovering statistics using IBM SPSS statistics*. SAGE Publications.
91. Filipowicz, G. (2019). *Zarządzanie kompetencjami – perspektywa firmowa i osobista*. Warszawa: Wolters Kluwer.
92. Forbes. (2020). *97% of executives say covid-19 sped up digital transformation*. Retrieved February 1, 2022 from <https://www.forbes.com/sites/johnkoetsier/2020/09/10/97-of-executives-say-covid-19-sped-up-digital-transformation/?sh=4217801d4799>
93. Forsten-Astikainen, R., Tuominen, T., and Heilmann, P. (2017). Expanding awareness of employees' competences: The holistic perspective as a management tool. *Nordic Journal of Business*, 66(2), 92-106.
94. Forsten-Astikainen, R., and Heilmann, P. (2018). Creating a competence profile of a new profession: Social service agents in welfare centers. *Employee Relations*, 40(2), 362-380. <https://doi.org/10.1108/ER-01-2017-0009>
95. Fosway. (2020). *The power of virtual classrooms in a post-pandemic world*. Retrieved January 12, 2022 from <https://www.fosway.com/research/next-gen-learning/virtual-classroom/>
96. Fosway. (2021). *Digital learning realities. Corporate learning in a post-pandemic world*. Retrieved January 12, 2022 from <https://www.fosway.com/research/next-gen-learning/digital-learning-realities-2021/>
97. Friday, S., and Friday, E. (2003). Racioethnic perceptions of job characteristics and job satisfaction. *Journal of Management Development*, 22(5), 426-442. <https://doi.org/10.1108/02621710310474778>
98. Fute, A., Oubibi, M., Sun, B., Zhou, Y., and Xiao, W. (2022). Work values predict job satisfaction among Chinese teachers during covid-19: The mediation role of work engagement. *Sustainability*, 14(3). <https://doi.org/10.3390/su14031353>
99. Fute, A., Oubibi, M., Xiao, W., Sun, B., and Zhou, Y. (2022). Perceived organizational support and career satisfaction among Chinese teachers: The mediation effects of job crafting and work engagement during covid-19. *Sustainability*, 14(2). <https://doi.org/10.3390/su14020623>

100. Gableta, M. (Ed.). (2012). *Interesy pracowników oraz warunki ich respektowania w przedsiębiorstwie*. Wrocław: Wydawnictwo Uniwersytetu Ekonomicznego we Wrocławiu.
101. Gamin, M., Sękowski, M., Woźniak-Prus, M., Wnuk, A., Oleksy, T., Cudo, A., Hansen, ... Maison, D. (2021). Generalized anxiety and depressive symptoms in various age groups during the covid-19 lockdown in Poland. Specific predictors and differences in symptoms severity. *Comprehensive Psychiatry*, (105).
102. Garavan, T., McCarthy, A., Lai, Y., Murphy, K., Sheehan, M., and Carbery, R. (2021). Training and organisational performance: A meta-analysis of temporal, institutional and organisational context moderators. *Human Resource Management Journal*, 31, 93-119. <https://doi.org/10.1111/1748-8583.12284>
103. Gavin, M., Poorhosseinzadeh, M., and Arrowsmith, J. (2022). The transformation of work and employment relations: COVID-19 and beyond. *Labour and Industry*, 32(1), 1-9. doi:10.1080/10301763.2022.2038353
104. Gembalska-Kwiecień, A. (2017). *Czynnik ludzki w zarządzaniu bezpieczeństwem pracy w przedsiębiorstwie. Wybrane zagadnienia*. Gliwice: Politechnika Śląska.
105. George, T. J., Atwater, L. E., Maneethai, D., and Madera, J. M. (2021). Supporting the productivity and wellbeing of remote workers. *Organizational Dynamics*. <https://doi.org/10.1016/j.orgdyn.2021.100869>
106. Gigi, G. S., and Pavithra, J. R. (2020). Employees' mental wellbeing, organizational outcome and innovative practices during covid-19. *Journal of Contemporary Issues in Business & Government*, 26(2), 531-532.
107. Glinka, B., and Czakon, W. (2021). *Podstawy badań jakościowych*. Warszawa: PWE.
108. Gołembski, M. (2013). HR Business partner as a contemporary solution in the field of human resources management. *Scientific Notebooks of the Łódź University of Technology. Organization and Management*, 51(1146), 105-106.
109. Green, F. (2009). Subjective employment insecurity around the world. *Cambridge Journal of Regions, Economy and Society*, 2(3), 343-363. doi: 10.1093/cjres/rsp003
110. Gross, U. (2003). *Zachowania organizacyjne w teorii i praktyce zarządzania*. Warszawa: Wydawnictwo Naukowe PWN.
111. Gruszecki, T. (2002). *Współczesne teorie przedsiębiorstwa*. Warszawa: Wydawnictwo Naukowe PWN.
112. Guest, D. E., Michie, J., Conway, N., and Sheehan, M. (2003). Human resource management and corporate performance in the UK. *British Journal of Industrial Relations*, 41, 291-314. <https://doi.org/10.1111/1467-8543.00273>
113. Hai-dong, Z., and Yu-jun, S. (2006). *Relationship between employees' interests and business performance in state-owned enterprises: Evidence from Shenzhen, China* (2006 International Conference on Management Science and Engineering, pp. 1307-1311). Lille.
114. Halilem, N. (2010). Inside the triple helix: An integrative conceptual framework of the academic researcher's activities, a systematic review. *Journal of Research Administration*, 41(3), 23-50.
115. Hamouche, S. (2021). Human resource management and the COVID-19 crisis: implications, challenges, opportunities, and future organizational directions. *Journal of Management & Organization*, 1-16. doi: 10.1017/jmo.2021.15
116. Hansen, A. (1998). *Bezpieczeństwo i higiena pracy*. Warszawa: WSiP.
117. Harackiewicz, J. M., and Hulleman, C. S. (2010). The importance of interest: The role of achievement goals and task values in promoting the development of interest. *Social and Personality Psychology Compass*, 4(1), 42-52. doi: 10.1111/j.1751-9004.2009.00207.x
118. Haromszki, Ł. (2020). Liderzy lokalni jako przywódcy organizacyjni w społeczeństwie obywatelskim. *Monografie i Opracowania*.

119. Hauziński, A. (2018). *Informatyzacja w środowisku pracy jako źródło kryzysu relacji pracowniczych* (III Zjazd Polskiego Stowarzyszenia Psychologii Organizacji. Konferencja Ogólnopolska, KUL, 24-25 May 2018). Retrieved from https://www.researchgate.net/publication/329179418_Informatyzacja_w_srodowisku_pracy_jako_zrodlo_kryzysu_relacji_pracowniczych
120. Hawi, R. O., Alkhodary, D., and Hashem, T. (2015). Managerial competencies and organizations performance. *International Journal of Management Sciences*, 5(11), 723-735.
121. Heibutzki, R. (2013). *The importance of obtaining job security*. Retrieved from <http://work.chron.com/importance-obtaining-job-security-21845.html>
122. Hensel, R., Meijers, F., van der Leeden, R., and Kessels, J. (2010). 360 degree feedback: How many raters are needed for reliable ratings on the capacity to develop competences, with personal qualities as developmental goals? *International Journal of Human Resource Management*, 21(15), 2813-2830. doi: 10.1111/apps.12290 09.03.2022
123. Hidi, S., and Renninger, K. A. (2006). The four-phase model of interest development. *Educational Psychologist*, 41(2), 111-127. doi: 10.1207/s15326985ep4102_4
124. Hirschfeld, R. R. (2000). Does revising the intrinsic and extrinsic subscales of the Minnesota satisfaction questionnaire short form make a difference? *Educational and Psychological Measurement*, (60), 255-270.
125. Hite, L. M., and McDonald, K. S. (2020). Careers after COVID-19: Challenges and changes. *Human Resource Development International*, 23(4), 427- 37. doi: 10.1080/13678868.2020.1779576
126. Huluba, A. E. (2021). The process of continuous training of military personnel in the 21st century. *Journal of Defense Resources Management*, (2), 189-198.
127. Huselid, M. A. (1995). The impact of human resource management practices on turnover productivity and corporate financial performance. *Academy of Management Journal*, 38(3).
128. *Instruction on training and methodical activity*. (n.d.). Ref. 816/2009.
129. Jacobs, R., and Washington, Ch. (2003). Employee development and organizational performance: A review of literature and directions for future research. *Human Resource Development International*, 6(3), 343-354. doi: 10.1080/13678860110096211
130. Jain, A. (2019). Understanding the future of HRM through the VUCA lens. *NHRD Network Journal*, 12(2), 80-86. <https://doi.org/10.1177/2631454119852860>
131. *Jak wykorzystać szansę pracy zdalnej*. (2020, April). Goldenline report.
132. Jakimiuk, B. (2015). Relacje interpersonalne w miejscu pracy i ich znaczenie dla funkcjonowania zawodowego. In B. Pietrulewicz, M.A. Paszkowicz (Eds.), *Wybrane zagadnienia aktywności zawodowej człowieka na rynku pracy* (pp. 55-630). Zielona Góra: Wydawnictwo Naukowe Polskiego Towarzystwa Profesjologicznego.
133. Jangbahadur, U., and Sharma, V. (2018). Measuring employee development. *Global Business Review*, 19(2), 455-476. <https://doi.org/10.1177/0972150917713548>
134. Jarecki, W., Kunasz, M., Mazur-Wierzbicka, E., and Zwiech, P. (2010). *Gospodarowanie kapitałem ludzkim*. Szczecin: Economicus.
135. Jarosik-Michalak, A. (2018). Zarządzanie karierą z perspektywy jednostki i organizacji. *Marketing i Zarządzanie*, 1(51), 123-130.
136. Jemielniak, D., and Koźmiński, A. K. (2012). *Zarządzanie wiedzą*. Wolters Kluwer Polska.
137. Jorfí, H., Bin Yacco, H. F., and Shah, I. M. (2012). Role of gender in emotional intelligence: Relationship among emotional intelligence, communication effectiveness and job satisfaction. *The International Journal of Management*, 29(4), 590-597.
138. Juchnowicz, M. (2010). *Zarządzanie przez zaangażowanie. Koncepcja. Kontrowersje. Aplikacje*. Warszawa: PWE.
139. Juchnowicz, M. (2014). *Satyfakcja zawodowa pracowników. Kreator kapitału ludzkiego*. Warszawa: PWE.
140. Juchnowicz, M., and Kinowska, H. (2019). Proinnowacyjne kompetencje polskich menadżerów. *Studia i Prace Kolegium Zarządzania i Finansów*, (161), 41-54. <https://doi.org/10.33119/SIP.2018.161.3>

141. Juchnowicz, M., and Kinowska, H. (2021). Employee well-being and digital work during the covid-19 pandemic. *Information*, (12), 293, doi: 10.3390/info12080293
142. Judge, T. A., Bono, J. E., and Locke, E. A. (2000). Personality and job satisfaction: The mediating role of job characteristics. *Journal of Applied Psychology*, (85), 237-249.
143. Kafel, T. (2000). Metodologiczne aspekty analizy mikrootoczenia organizacji. *Zeszyty Naukowe Akademii Ekonomicznej w Krakowie*, (554).
144. Kankaraš, M. (2021). *Workplace learning: Determinants and consequences: Insights from the 2019 European company survey* (Cedefop working paper No 7). Luxembourg: Publications Office of the European Union. <http://data.europa.eu/doi/10.2801/111971>
145. Karadsheh, L., Mansour, E., Alhawari, S., Azar, G., and El-Bathy, N. (2009). A theoretical framework for knowledge management process: Towards improving knowledge performance. *Communications of the IBIMA*, (7), 67-79.
146. Katou, A. A., and Budhwar, P. S. (2010). Causal relationship between HRM policies and organisational performance: Evidence from the Greek manufacturing sector. *European Management Journal*, 28.
147. Kawka, T. (2010). HR Business Partner – a new managerial role of the personnel function. *Scientific Papers of the Wroclaw University of Economics*, (115), 268-276.
148. Khan, N. A., Bharadwaj, S., Khatoon, A., and Jamal, M. T. (2021). Assessing the nexus between employer branding and employee retention: Moderating role of organizational identification. *Management and Labour Studies*, 46(4), 379-398. <https://doi.org/10.1177/0258042X211005330>
149. Kim, J. (2020). When organizational performance matters for personnel decisions: Executives' career patterns in a conglomerate. *Management Accounting Research*, 49, <https://doi.org/10.1016/j.mar.2020.100695>
150. Klamut, R. (2013). Aktywność obywatelska jako rodzaj aktywności społecznej – perspektywa psychologiczna. *Studia Socjologiczne*, 1(208).
151. Kniffin, K. M., Narayanan, J., Anseel, F., Antonakis, J., Ashford, S. P., Bakker, A. B., ... Vugt, M. van. (2021). COVID-19 and the workplace: Implications, issues, and insights for future research and action. *American Psychologist*, 76(1), 63-77. <https://doi.org/10.1037/amp0000716>
152. Kociatkiewicz, J., and Kostera, M. (2014). Zaangażowane badania jakościowe. *Problemy Zarządzania*, 12(1), (45), 9 -17.
153. Kopertyńska, M. W., and Dernowska, N. (2021). Factors determining the role and tasks of HR business partnering in enterprises. *Human Resource Management/Zarządzanie Zasobami Ludzkimi*, 138-139(1-2), 65-84. DOI: 10.5604/01.3001.0014.8786
154. Kotarbiński, T. (2019). *Traktat o dobrej robocie*. Łódź: Wydawnictwo Uniwersytetu Łódzkiego.
155. Kumar, A., and Nayar, K. R. (2021). COVID-19 and its mental health consequences. *Journal of Mental Health*, 30(1), 1-2. <https://doi.org/10.1080/09638237.2020.1757052>
156. Kunasz, M. (2008). Efektywność szkolenia i doskonalenia zawodowego – wybrane aspekty. *Studia i Prace Wydziału Nauk Ekonomicznych i Zarządzania Uniwersytetu Szczecińskiego*, (3), 129-141.
157. Kunasz, M., and Zwiech, P. (2016). Pomiar efektywności procesów personalnych – wyniki badań. In M. Kunasz (Ed.), *BPM vs. HRM* (pp. 39-52). Szczecin: Volumina.
158. Kupczyk, T., and Stor, M. (2017). *Competency management. Theory, research and business practice*. Wrocław: Wyższa Szkoła Handlowa.
159. Kupczyk, T., Rupa, P., Gross-Gołacka, E., and Mańkowska, M. (2021). Generation Z's expectations of adaptation to work. Military service. *European Research Studies Journal*, 24(4), 329-343.
160. Kyvik, S. (2013). The academic researcher role: Enhancing expectations and improved performance. *Higher Education*, 65(4), 525-538. <https://doi.org/10.1007/s10734-012-9561-0>
161. Łaguna, M. (2019). Nowe tendencje w podejściu do szkoleń w organizacji. In A.M. Zawadzka (Ed.), *Psychologia zarządzania w organizacji* (p. 116). Warszawa: PWN.
162. Landeta Echeberria, A. (2022). *AI integration in the digital transformation strategy. In artificial intelligence for business*. Cham: Palgrave Macmillan.

163. Latif, M. H., Ahmad, M., Qasim, M., Mushtaq, M., Ferdoos, A., and Naeem, H. (2013). Impact of employee's job satisfaction on organizational performance. *European Journal of Business and Management*, 5(5), 166-171.
164. Lendzion, J. P., and Stankiewicz-Mróz, A. (2005). *Wprowadzenie do organizacji i zarządzania*. Kraków: Oficyna Ekonomiczna.
165. Leszczyński, M. (2007). Dostęp do rynku pracy w kontekście teorii segmentacyjnych. *Acta Scientifica Academiae Ostroviensis*, (29).
166. Liebowitz, J. (2001). Knowledge management and its link to artificial intelligence. *Expert Systems with Applications*, 20(1), 1-6.
167. Liebowitz, J. (Ed.). (1999). *Knowledge management handbook*. Boca Raton, Florida: CRC Press.
168. LinkedIn Learning. (2021). *Workplace learning report*. Retrieved February 8, 2022 from <https://learning.linkedin.com/resources/workplace-learning-report>
169. Lobanova, T. N. (2015). Influence of dominant labor interests on the activity of employees Vliyanie dominiruyushih trudovyh interesov na deyatelnost sotrudnikov organizacii. *Organizacionnaya psichologiya*, 5(2), 26-45.
170. Locke, E. A. (1976). Nature and causes of job satisfaction. In M.D. Dunette (Ed.), *Handbook of industrial and organizational psychology* (pp. 1297-1343). Chicago: Rand McNally.
171. Loscocco, K. A. (1990). Reactions to blue-collar work. *Work and Occupations*, 17, 152-177.
172. Lowe, T. S. (2018). Perceived job and labor market insecurity in the United States: An assessment of workers' attitudes from 2002-2014. *Work and Occupations*, 45(3), 313-345. doi: 10.1177/0730888418758381
173. Lutyński, J. (1994). *Metody badań społecznych. Wybrane zagadnienia*. Łódź: Łódzkie Towarzystwo Naukowe.
174. Lyons, M., Lavelle, K., and Smith, D. (2017). *GEN Z rising*. Accenture.
175. Maatman, M., and Meijerink, J. (2017). Why sharing is synergy: The role of decentralized control mechanisms and centralized HR capabilities in creating HR shared service value. *Personnel Review*, 46(7), 1297-1317. <https://doi.org/10.1108/PR-09-2016-0245>
176. Madsen, P. K. (2007). Flexicurity: A new perspective on labour markets and welfare states in Europe. *Tilburg Law Review – Journal of International and Comparative Law*, 14(1&2), 57-79.
177. Magnier-Watanabe, R., Benton, C. F., Uchida, T., and Orsini, P. (2019). Designing jobs to make employees happy? Focus on job satisfaction first. *Social Science Japan Journal*, 22(1). doi: 10.1093/ssjj/jyy040
178. Mahmood, F., Ariza-Montes, A., Saleem, M., and Han, H. (2021). Teachers' teleworking job satisfaction during the COVID-19 pandemic in Europe. *Current Psychology*, (1), 1-14. <https://doi.org/10.1007/s12144-021-02355-6>
179. Malmström, M., Wincent, J., and Johansson, J. (2013). Managing competence acquisition and financial performance: An empirical study of how small firms use competence acquisition strategies. *Journal of Engineering and Technology Management*, 30(4), 327-349.
180. Marx, P. (2014). The effect of job insecurity and employability on preferences for redistribution in Western Europe. *Journal of European Social Policy*, 24(4), 351-366. doi: 10.1177/0958928714538217
181. Marzec, I. (2015). *Uwarunkowania rozwoju zatrudnialności pracowników w organizacji*. Katowice: Wydawnictwo Uniwersytetu Ekonomicznego w Katowicach.
182. Masri, H. A., and Jaaron, A. A. (2017). Assessing green human resources management practices in Palestinian manufacturing context: An empirical study. *Journal of Cleaner Production*, 143.
183. Matuska, E., and Niedzielski, P. (2018). HR business partner – the range of roles and services. *European Journal of Service Management*, 4(28/1), 191-197. doi: 10.18276/ejsm.2018.28/1-24
184. May, K. E., and Elder, A. D. (2018). Efficient, helpful, or distracting? A literature review of media multitasking in relation to academic performance. *International Journal of Educational Technology in Higher Education*, 15(13). <https://doi.org/10.1186/s41239-018-0096-z>

185. Maznevski, M. L., and Chudoba, K. (2000). Bridging space over time: Global virtual team dynamics and effectiveness. *Organization Science*, 11, 473-492.
186. McGuire, D., Germain, M. -L., and Reynolds, K. (2021). Reshaping HRD in light of the covid-19 pandemic: An ethics of care approach. *Advances in Developing Human Resources*, 23(1), 26-40. doi: 10.1177/1523422320973426
187. Meissner, D., and Shmatko, N. (2019). Integrating professional and academic knowledge: The link between researchers skills and innovation culture. *The Journal of Technology Transfer*, 44(4), 1273-1289.
188. Mendryk, I. (2016). Uwarunkowania doskonalenia kompetencji pracowników 50+. Wyniki badań. *Zeszyty Naukowe Politechniki Śląskiej. Seria: Organizacja i Zarządzanie*, (97), 213-233.
189. Messervy, D. L., Peach, J. M., Dean, W. H., and Nelson, E. A. (2022). Training for heat-of-the-moment thinking: Ethics training to prepare for operations. *Armed Forces & Society*. <https://doi.org/10.1177/0095327X221088325>
190. Microsoft. (2020). *AI & skills*. Retrieved December 10, 2021 from <https://news.microsoft.com/pl-pl/2020/06/30/badanie-microsoft-ai-motywuje-firmy-do-podnoszenia-umiejetnosci-pracownikow/>
191. Mihalache, M., and Mihalache, O. R. (2022). How workplace support for the covid-19 pandemic and personality traits affect changes in employees' affective commitment to the organization and job-related well-being. *Human Resource Management*, 61(3), 295-314. <https://doi.org/10.1002/hrm.22082>
192. Mikolajczyk, K. (2021). Changes in the approach to employee development in organizations as a result of the COVID-19 pandemic. *European Journal of Training and Development*. <https://doi.org/10.1108/EJTD-12-2020-0171>
193. Miller, P. (2018). Kompetencje przyszłości i zarządzanie nimi – wyzwanie dla biznesu i całożyciowego poradnictwa karier. In E. Stokowska-Zagdan, J. Flanz (Eds.), *Kształcenie ustawicze. Wymiar interdyscyplinarny*. Skiernewice: Państwowa Wyższa Szkoła Zawodowa.
194. Minbaeva, D. B. (2005). HRM practices and MNC knowledge transfer. *Personnel Review*, 34(1), 125-144. <https://doi.org/10.1108/00483480510571914>
195. Minbaeva, D., Pedersen, T., Björkman, I., and Fey, C. F. (2014). A retrospective on: MNC knowledge transfer, subsidiary absorptive capacity, and HRM. *Journal of International Business Studies*, (45), 52-62. <https://doi.org/10.1057/jibs.2013.56>
196. Młokosiewicz, M. (2017). Zaangażowanie pracowników – perspektywa indywidualna i organizacyjna. *Zeszyty Naukowe Wyższej Szkoły Bankowej w Poznaniu*, 74(3).
197. Moglia, M., Hopkins, J., and Bardoe, A. (2021). Telework, hybrid work and the United Nation's sustainable development goals: Towards policy coherence. *Sustainability*, 13(16), 9222. doi: 10.3390/su13169222
198. Molek-Winiarska, D. (2020). *Interwencje antystresowe w organizacji. Modele. Zarządzanie. Efektywność*. Wrocław: Wydawnictwo Uniwersytetu Ekonomicznego we Wrocławiu.
199. Moon, J. S., and Choi, S. B. (2017). The Impact of career management on organizational commitment and the mediating role of subjective career success: The case of Korean R&D employees. *Journal of Career Development*, 44(3), 191-208. <https://doi.org/10.1177/0894845316643829>
200. Morley, M. J., Heraty, N., and Michailova, S. (Eds.). (2009). *Human resources management in Eastern and Central Europe*. London, New York: Routledge.
201. Mróz-Jagiello, A., and Wolanin, A. (2013). Metoda analizy i krytyki dokumentów w naukach o bezpieczeństwie. *Obronność. Zeszyty Naukowe Wydziału Zarządzania i Dowodzenia Akademii Obrony Narodowej*, 2(6), 113-117.
202. Muffels, R., Crouch, C., and Wilthagen, T. (2014). Flexibility and security: National social models in transitional labour markets. *Transfer: European Review of Labour and Research*, 20(1), 99-114. doi: 10.1177/1024258913514361

203. Muisyo, P., and Qin, S. (2018). Enhancing the FIRM'S green performance through green HRM: The moderating role of green innovation culture. *Journal of Cleaner Production*, 289(2).
204. Myjak, T. (2018). Formy zatrudnienia a postawy wobec pracy na przykładzie badanych przedsiębiorstw budowlanych, *Bezpieczeństwo Pracy. Nauka i Praktyka*, (10).
205. Myjak, T. (2019). Kompetencje jednostki w kontekście bezpieczeństwa zatrudnienia. *Zeszyty Naukowe Wyższej Szkoły Zarządzania Ochroną Pracy w Katowicach*, (1), 79-88.
206. Ngadiman, A. E., and Ratmawati, D. (2013). Influence of transformational leadership and organization climate to the work satisfaction. *Organizational Commitment and Organizational Citizenship Behavior on the Educational Personnel of Educational Research International*, 1(1), 41-66.
207. Nicoară, M. A. (2011). *The educational management in the military training*. Bucharest: National Defense University Carol I.
208. Nieć, D. (2020). Badanie zadowolenia pracowników jako element substrategii zarządzania organizacjami. In M. Ćwiklicki, A. Frączkiewicz-Wronka, A. Pacut, K. Sienkiewicz-Małýjurek (Eds.), *Współczesne problemy zarządzania publicznego i przedsiębiorczości społeczne*. Kraków: Małopolska Szkoła Administracji Publicznej Uniwersytetu Ekonomicznego w Krakowie.
209. Numminen, O., Virtanen, H., Hafsteinsdóttir, T., and Leino-Kilpi, H. (2020). Postdoctoral nursing researcher career: A scoping review of required competences. *Nursing Open*, 7(1), 7-29. doi: <http://dx.doi.org/10.1002/nop2.367>
210. Oberländer, M., and Bipp, T. (2022). Do digital competencies and social support boost work engagement during the COVID-19 pandemic? *Computers in Human Behavior*, 130(107172), 1-9. <https://doi.org/10.1016/j.chb.2021.107172>
211. Obój, K., and Wąsowska A. (2015). *Zarządzanie międzynarodowe: teoria i praktyka*. Warszawa: PWE.
212. Obrad, C., and Circa, C. (2021). Determinants of work engagement among teachers in the context of teleworking. *Amfiteatru Economic*, 23(58), 718-735. <https://doi.org/10.24818/EA/2021/58/718>
213. Ogorodnik, R., and Mieszaniec, J. (2010). Metoda analizy interesariuszy jako innowacyjna koncepcja w zarządzaniu przedsiębiorstwem górnictwem. In R. Knosala (Ed.), *Komputerowo zintegrowane zarządzanie*. Opole: Oficyna Wydawnicza Polskiego Towarzystwa Zarządzania Produkcją.
214. Okpara, J. O. (2004). Personal characteristics as predictors of job satisfaction: An exploratory study of IT managers in a developing economy. *Information Technology & People*, 17(3), 327-338. <https://doi.org/10.1108/09593840410554247>
215. Oleszak, W. K., and Oleszak, M. W. (2016). Edukacja dorosłych jako siła twórcza kultury bezpiecznej pracy. *Problemy Nauk Stosowanych*, (4), 210.
216. Olkowicz, J. (2013). Spółdzielcza kasa oszczędnościowo-kredytowa jako organizacja ucząca się na przykładzie Kasy Stefczyka – cechy i rozwiązania. *Prace Naukowe Uniwersytetu Ekonomicznego we Wrocławiu*, (310), 411-420.
217. Omodan, B. I. (2020). The vindication of decoloniality and the reality of COVID-19 as an emergency of unknown in rural universities. *International Journal of Sociology of Education (Special Issue)*. <https://doi.org/10.17583/RISE.2020.5495>
218. Oorschot, W. van, and Chung, H. (2015). Feeling of dual-insecurity among European workers: A multi-level analysis. *European Journal of Industrial Relations*, 33(1), 23-37. doi: 10.1177/0959680114523199
219. Opatha, H., and Aruljarah A. (2014). Green human resource management: Simplified general reflections. *International Business Research*, 7(8).
220. Organ, D. W., Podsakoff, P. M., and Mackenzie, S. B. (2006). *Organisational citizenship behaviour. Its nature, determinants, and consequences*. Thousand Oaks: Sage Publications.
221. Osuszek, L., and Stanek, S. (2021). AI for augmenting human judgement in Business Processes Management. *Scientific Journal of the Military University of Land Forces*, 53, (3(201)), 507-518.

222. Osuszek, L., Stanek, S., and Twardowski, Z. (2016). Leverage big data analytics for dynamic informed decisions with advanced case management. *Journal of Decision Systems*, 25 (sup1), 436-449.
223. Paliwoda-Matiolańska, A. (2014). *Odpowiedzialność społeczna w procesie zarządzania przedsiębiorstwem*. Warszawa: Wydawnictwo C.H. Beck.
224. Palmer, K. (2022). *Invest Wisely: Help your people learn how to learn*. Retrieved February 20, 2022 from <https://blog.degreed.com/help-your-people-learn-how-to-learn/>
225. Papavasileiou, E., Lyons, S., Shaw, G., and Georgiou, A. (2017). Work values in tourism: Past, present and future. *Annals of Tourism Research*, 64, 150-162. <https://doi.org/10.1016/J.ANNALS.2017.03.007>
226. PARP. (2021a). *Bilans kapitału ludzkiego*. Retrieved January 26, 2022 from <https://www.parp.gov.pl/component/publications/publication/raport-podsumowujacy-wyniki-badan-bilans-kapitalu-ludzkiego-2019-2020>
227. PARP. (2021b). *Polska 2021 – raport o stanie sektora małych i średnich przedsiębiorstw w Polsce 2021*. Warszawa. Retrieved from https://www.parp.gov.pl/storage/publications/pdf/PARP-26_Raport-2021-07-22_WCAG_210726.pdf
228. Parvin, M. M., and Kabir, M. M. N. (2011). Analysis of factors affecting employee job satisfaction. *Australian Journal of Business and Management Research*, 1(9), 113-123. <https://doi.org/10.20472/iac.2018.038.004>
229. Pass, S., and Ridgway, M. (2022). An informed discussion on the impact of covid-19 and ‘enforced’ remote working on employee engagement. *Human Resource Development International*, 25(2), 254-270. doi: 10.1080/13678868.2022.2048605
230. Pauli, U. (2010). Badanie satysfakcji pracowników jako źródło informacji menedżerskiej. *Zeszyty Naukowe Uniwersytetu Ekonomicznego w Krakowie*, (828).
231. Pawłowska, A. (2017). *Zatrudnilność pracobiorcy w elastycznym zarządzaniu ludźmi*. Warszawa: PWE.
232. Peccei, R., and Lee, H. -J. (2005). The impact of gender similarity on employee satisfaction at work: A review and re-evaluation. *Journal of Management Studies*, 42(8), 1571-1592. <https://doi.org/https://doi.org/10.1111/j.1467-6486.2005.00557.x>
233. Penc-Pietrzak, I. (2011). Tworzenie kluczowych kompetencji organizacji. *Zeszyty Naukowe Wyższej Szkoły Bankowej w Poznaniu*, (34).
234. Pham, N. T., Tuckova, Z., and Chiappetta Jabbour, C. J. (2019). Greening the hospitality industry: How do green human resource management practices influence organizational citizenship behavior in hotels? A mixed-methods study. *Tourism Management*, (72).
235. Pham, N. T., Tuckova, Z., and Phan, Q. P. T. (2019). Greening human resource management and employee commitment towards the environment: An interaction model. *Journal of Business Economics and Management*, 3(20).
236. Pham, N. T., Vo Thanh, T., Tuckova, Z., and Thuy, V. T. N. (2019). The role of green human resource management in driving hotel’s environmental performance: Interaction and mediation analysis. *International Journal of Hospitality Management*. doi: 10.1016/j.ijhm.2019.102392
237. Phuc, N. H., and Matsuura, Y. (2016). Modeling and analyzing academic researcher behavior. *The Asian Journal of Technology Management*, 9(2), 80-87. doi: <http://dx.doi.org/10.12695/ajtm.2016.9.2.2>
238. Pichler, M., Krenmayr, N., Schneider, E., and Brand, U. (2021). EU industrial policy: Between modernization and transformation of the automotive industry. *Environmental Innovation and Societal Transitions*, 38(1).
239. Pietruszka-Ortyl, A. (2019). Transfer wiedzy w warunkach nierówności na współczesnym rynku pracy. *Bezpieczeństwo Pracy*, 2(22).

240. Piwowar-Sulej, K. (2017). The concept of HR business partner in a project- oriented organization. *The Central European Review of Economics and Management (CEREM)*, 2544-0365. WSB University in Wrocław, 1(2), 77-90. doi: 10.29015/cerem.317
241. Piwowar-Sulej, K. (2020). Human resource management in the context of Industry 4.0. *Organizacja i Zarządzanie: Kwartalnik Naukowy*, (1), 103-113.
242. Piwowar-Sulej, K. (2021). The practice of green HRM in Poland – with the focus on elements of the HR function. *Oeconomia*, 3(55).
243. Plewka, C. (2016). Wspomaganie rozwoju zawodowego pracowników współczesnego rynku pracy. *Szkoła. Zawód. Praca*, (12), 25-41.
244. Pocztowski, A. (2016). Zrównoważone zarządzanie zasobami ludzkimi w teorii i praktyce. *Zarządzanie i Finanse*, 14(2, Part 1).
245. Pocztowski, A. (2019). HRM context in practice and scientific research. *Zarządzanie Zasobami Ludzkimi*, 6(131).
246. Poncet, M. C., Toullic, P., Papazian, L., Kentish-Barnes, N., Timsit, J.-F., Pochard, F., ... Azoulay, É. (2007). Burnout syndrome in critical care nursing staff. *American Journal of Respiratory and Critical Care Medicine*, 175(7), 698-704. <https://doi.org/10.1164/rccm.200606-806OC>
247. Poór, J., Juhász, T., Machová, R., Bencsik, A., and Bilan, S. (2018). Knowledge management in human resource management: Foreign-owned subsidiaries' practices in four CEE countries. *Journal of International Studies*, 11(3), 295-308. doi:10.14254/2071-8330.2018/11-3/23
248. Probst, T. M., and Jiang, L. (2017). European flexicurity policies: Multilevel effects on employee psychosocial reactions to job insecurity. *Safety Science*, 100(A), 83-90. doi: 10.1016/j.ssci.2017.03.010
249. PwC. (2020). *The effectiveness of virtual reality soft skills training in the enterprise*. Retrieved January 11, 2022 from <https://www.5discovery.com/wp-content/uploads/2020/09/pwc-understanding-the-effectiveness-of-soft-skills-training-in-the-enterprise-a-study.pdf>
250. PWC, Well.hr, and Absolvent Consulting. (2021). *Młodzi Polacy na rynku pracy 2021*. Retrieved 20 October, 2021 from <https://www.pwc.pl/pl/publikacje/mlodzi-polacy-na-rynkupracy-2021.html>
251. Radziukiewicz, M. (2021). Praca zdalna w Polsce i jej perspektywy. *Economic and Regional Studies*, 14(4), 409-427. <https://doi.org/10.2478/ers-2021-0029>
252. Rae, L. (2004). *Planowanie i projektowanie szkoleń*. Kraków: Oficyna Ekonomiczna.
253. Rahman, U., Shahrazad, W. S. W., Sulaiman, W. S. W., Nasir, R., and Omar, F. (2014). The role of job satisfaction as mediator in the relationship between self-efficacy and organizational citizenship behavior among Indonesian teachers. *International Journal of Business and Social Science*, 5(9), 255-261.
254. Rakowska, A. (2022). *Różnorodność zasobów ludzkich w organizacji – istota, dylematy, wyzwania*. Lublin: Wydawnictwo UMCS.
255. Rakowska, A., and de Juana-Espinosa, S. (2021). Ready for the future? Employability skills and competencies in the twenty-first century: The view of international experts. *Human Systems Management*, 40(5), 669-684. doi: 10.3233/HSM-201118
256. Raut, R. D., Gardas, B., Luthra, S., Narkhede, B., and Mangla, S. K. (2020). Analysing green human resource management indicators of automotive service sector. *International Journal of Manpower*, (41).
257. Robbins, S. P. (2005). *Essentials of organisational behaviour* (8th ed.). Prentice Hall.
258. Robbins, S. P., Odendaal, A., and Roodt, G. (2003). *Organisational behaviour* (9th ed.). Prentice Hall International.
259. Rosiński, J., Pieczka, A., and Stańczyk, I. (2021). Ewolucja roli HR biznes partnera w czasie pandemii: Case study. *Zarządzanie Zasobami Ludzkimi*, 21(5 (142)).
260. Roth, G., and Kurtyka, M. (2017). *Zarządzanie zmianą. Od strategii do działania*. Warszawa: CeDeWu.

261. Różańska-Bińczyk, I., Matejun, M., and Matusiak, B. E. (2020). Praktyki green HR we współczesnych przedsiębiorstwach. In J. Cewińska, A. Krejner-Nowecka, S. Winch S. (Eds.), *Zarządzanie kapitałem ludzkim – wyzwania*. Warszawa: SGH Oficyna Wydawnicza.
262. Saffron Interactive. (2021). *Can AI coaching be the solution to scalable workforce skills development?* Retrieved February 20, 2022 from <https://saffroninteractive.com/ai-and-scalable-skills-development/>
263. Salas, E., Tannenbaum, S. I., Kraiger, K., and Smith-Jentsch, K. A. (2012). The science of training and development in organizations: What matters in practice. *Psychological Science in the Public Interest*, 13(2), 74-101. <http://www.jstor.org/stable/23484697>
264. Salladarré, F., Hlaimi, B., and Wolff, F. -Ch. (2011). How important is security in the choice of employment? Evidence from European countries. *Economic and Industrial Democracy*, 32(4), 549-567. doi: 10.1177/0143831X10387649
265. Salman, M., Ganie, S. A., and Saleem, I. (2020). Employee competencies as predictors of organizational performance: A study of public and private sector banks. *Management and Labour Studies*, 45(4), 416-432.
266. Sardana, A. (2018). Turning green into gold through practices of green HRM. *The Journal of Management Awareness*, 21(2).
267. Savanecičienė, A., Stukaitė, D., and Šilingienė, V. (2008). Development of strategic individual competences. *Engineering Economics*, 3(58), 81-88.
268. Schmidt, S. J. (2020). Distracted learning: Big problem and golden opportunity. *Journal of Food Science Education*, (19), 278-291. <https://doi.org/10.1111/1541-4329.12206>
269. Schroeder-Strong, M. P., Schreiber, B., and Bennett, W. (2022). A methodology for projecting the return on investment of training technologies. *Military Psychology*. doi: 10.1080/08995605.2022.2050164
270. Schultza, C. (2021). Essential future developmental areas for human resource managers post-COVID-19. In *Re-Imaging Management Research* (Conference Proceedings of the 32nd Annual Conference of the Southern Africa Institute for Management Scientists, North-West University).
271. Sęczkowska, K. (2019). Konsekwencje psychospołeczne pracy zdalnej. *Problemy Nauk Humanistycznych i Społecznych. Teoria i Praktyka*, (2), 10-16.
272. Sęk, H., and Cieślak, R. (2004). *Wsparcie społeczne – sposoby definiowania, rodzaje i źródła wsparcia. Wybrane koncepcje teoretyczne*. In H. Sęk, R. Cieślak (Eds.), *Wsparcie społeczne, stres i zdrowie*. Warszawa: Wydawnictwo Naukowe PWN.
273. Selmer, J., Ebrahimi, and B. P. Mingtao, L. (2002). Career management of business expatriates from China. *International Business Review*, 11(1), 17-33. [https://doi.org/10.1016/S0969-5931\(01\)00045-2](https://doi.org/10.1016/S0969-5931(01)00045-2)
274. Sew, H. T., Yahya, S., and Tan, C. L. (2019). Importance-performance matrix analysis of the Researcher's competence in the formation of university-industry collaboration using smart PLS. *Public Organization Review*, 20(2), 249-275. doi: <http://dx.doi.org/10.1007/s11115-018-00435-z>
275. Shahzad, A., Hassan, R., Aremu, A. Y., Hussain, A., and Lodhi, R. N. (2021). Effects of covid-19 in E-learning on higher education institution students: The group comparison between male and female. *Quality & Quantity*, 55(3), 805-826. <https://doi.org/10.1007/s11135-020-01028-z>
276. Sharma, R. R. (Ed.). (2019). *Human resource management for organizational sustainability*. New York: Business Expert Press.
277. Sheikh, M. K., Chaudahry, N., and Ghogare, A. (2020). Depression in teachers due to cyberbullying who are working in covid-19 pandemic: A cross-sectional study. *International Journal of Current Research and Review*, 12(20), 98-102. <https://doi.org/10.31782/IJCRR.2020.122015>
278. Shen, J., Dumont, J., and Deng, X. (2018). Employees' perception of green HRM and non-green employee work outcomes: The social identity and stakeholders perspectives. *Group & Organization Management*, 43(4).

279. Słowik, M. (2008). Rozumienie i wartościowanie aktywności społecznej młodzieży – wnioski dla pracy socjalnej. *Pedagogia Christiana*, 1(21).
280. Sousa-Poza, A., and Sousa-Poza, A. A. (2007). The effect of job satisfaction on labor turnover by gender: An analysis for Switzerland. *The Journal of Socio-Economics*, 36(6), 895-913. <https://doi.org/10.1016/j.socloc.2007.01.022>
281. Sowińska, A. (2014). Zadowolenie z pracy – problemy definicyjne. *Studia Ekonomiczne*, (197).
282. Spector, P. E. (1997). *Job satisfaction: Application, assessment, causes, and consequences*. CA: Sage.
283. Staszkiewicz, M. (2021). Kompetencje osobiste i społeczne HR business partnera. *Zarządzanie Zasobami Ludzkimi*, 142(5), 43-62. doi: 10.5604/01.3001.0015.5052.
284. Steel, P., Schmidt, J., Bosco, F., and Uggerslev, K. (2019). The effects of personality on job satisfaction and life satisfaction: A meta-analytic investigation accounting for bandwidth-fidelity and commensurability. *Human Relations*, 72(2), 217-247.
285. Stor, M. (2016). Paradoksalne i nieparadoksalne oksymoronizmy w strategiach zarządzania kompetencjami pracowniczymi – refleksje badawcze. *Nauki o Zarządzaniu*, 2(27), 164-185, doi: 10.15611/noz.2016.2.14
286. Stor, M. (2021). The configurations of HRM bundles in MNCs by their contributions to subsidiaries' performance and cultural dimensions. *International Journal of Cross Cultural Management*, 21(1), 124-166. <http://doi.org/10.1177/1470595821997488>
287. Stor, M., and Haromszki, Ł. (2020). The role of human factor and HRM practices in MNCs' performance in Eastern and Western Europe – a comparative analysis of the research findings. In J. Stankevičiene et al. (Eds.), *Business and management '2020. Selected papers* (pp. 343-357). Vilnius: Vilnius Gediminas Technical University. doi: 10.3846/bm.2020.540
288. Stor, M., and Haromszki, Ł. (2021). Competency management and the financial results of the foreign subsidiaries of Polish MNCs: The empirical research findings. *Human Systems Management*, 1-13. <http://doi.org/10.3233/HSM-211515>
289. Stor, M., and Kupczyk, T. (2015). Differences in competency management – comparative analysis between Polish, Spanish, and Austrian business practices. *Journal of Intercultural Management*, 7(2).
290. Stor, M., and Domaradzka, A. (Eds.). (2020). *Zarządzanie kapitałem ludzkim 4.0 – wyzwania organizacyjne i kompetencyjne w perspektywie menedżerskiej*. Wrocław: Wydawnictwo Uniwersytetu Ekonomicznego we Wrocławiu.
291. Stosik, A., Głowicki, P., and Zarecka, E. (2011). HR Business Partner – nowa rola w zarządzaniu zasobami ludzkimi. *Prace Naukowe Uniwersytetu Ekonomicznego we Wrocławiu*, (218), 242-248.
292. Strack, R., Kovacs-Ondrejkovic, O., Baier, J., Antebi, P., Kavanagh, K., and Lopez-Gobernado, A. (2021). *Decoding global ways of working*. Retrieved from <https://www.bcg.com/publications/2021/advantages-of-remote-work-flexibility>
293. Stredwick, J. (2005). *Zarządzanie pracownikami w małej firmie*. Gliwice: Helion.
294. Strivr. (2020). *The ultimate guide to immersive learning*. Retrieved February 12, 2022 from <https://www.strivr.com/resources/ebooks/immersive-learning/>
295. Strumińska-Kutra, M., and Kołatkiewicz, I. (2012). Studium przypadku. In D. Jemielniak (Ed.), *Badania jakościowe. Metody i narzędzia* (tom 2). Warszawa: Wydawnictwo Naukowe PWN.
296. Stuart, H. (2002). Employee identification with the corporate identity issues and implication. *International Studies of Management & Organization*, 32(3), 28-44.
297. Studenski, R. (1996). *Organizacja bezpiecznej pracy w przedsiębiorstwie*. Gliwice: Wydawnictwo Politechniki Śląskiej.
298. Succar, T., Beaver, H. A., and Lee, A. G. (2022). Impact of COVID-19 pandemic on ophthalmology medical student teaching: Educational innovations, challenges, and future directions. *Survey of Ophthalmology*, 67(1), 217-225. <https://doi.org/10.1016/j.survophthal.2021.03.011>

299. Suganya, S., and Sankareswari, B. (2020). Job satisfaction level on online teaching among higher secondary school teachers during COVID-19 pandemic. *Shanlax International Journal of Education*, 9(1), 138-145. <https://doi.org/10.34293/education.v9i1.3530>
300. Suharti, L., and Sugiarto, A. (2020). A qualitative study of Green HRM practices and their benefits in the organization: An Indonesian company experience. *Business: Theory and Practice*, (21).
301. Sukmana, O., Salahudin, Robbie, I., Roziqin, A., Deniar, S. M., Sihidi, I. T., and Suhermanto, D. F. (Eds.). (2022). *Social and political issues on sustainable development in the post COVID-19 crisis* (Proceedings of the International Conference on Social and Political Issues on Sustainable Development in the Post COVID-19 Crisis (ICHSOS 2021), Malang, Indonesia, 18-19 June 2021, 1st ed.). Routledge. <https://doi.org/10.1201/9781003263586>
302. Sus, A., and Sylwestrzak, B. (2021). Evolution of the labor market and competency requirements in Industry 4.0 versus the covid-19 pandemic. *European Research Studies Journal*, XXIV(1), 494-506.
303. Sypniewska, B. A. (2014). Evaluation of factors influencing job satisfaction. *Contemporary Economics*, 8(1), 57-72. <https://doi.org/10.5709/ce.1897-9254.131>
304. Taft, M. (2013). *Reading and the mental lexicon*. Psychology Press.
305. Tang, G., Chen, Y., Jiang, Y., Paill_e, P., and Jia, J. (2017). Green human resource management practices: Scale development and validity. *Asia Pacific Journal of Human Resources*, (555).
306. The Josh Bersin Company. (2022). *Learning technologies and platforms: 2022 and beyond*. Retrieved February 21, 2022 from <https://joshbersin.com/2022/02/demystifying-the-learning-technology-market/>
307. *The L&D disruption playbook with David James*. (2019). Retrieved January 15, 2022 from <https://elearningindustry.com/free-ebooks/digital-learning-and-development-strategy-playbook>
308. *The voice of the European workforce 2020. Niech moc pracowników będzie z Wami*. (2021). Retrieved January, 2021 from <https://www2.deloitte.com/pl/pl/pages/human-capital/articles/rapor-The-voice-of-the-European-workforce-2020.html>
309. Thomas, M. S. C., and Rogers, C. (2020). Education, the science of learning, and the COVID-19 crisis. *Prospects*, 49, 870-90. <https://doi.org/10.1007/s11125-020-09468-z>
310. Thu, T. P. B., Ngoc, P. N. H., Hai, N. M., and Tuan, L. A. (2020). Effect of the social distancing measures on the spread of COVID-19 in 10 highly infected countries. *Science of The Total Environment*, (742), 140430. <https://doi.org/10.1016/J.SCITOTENV.2020.140430>
311. Timms, P. (2018). *Transformational HR*. London: Kogan Page.
312. Torocsik, M., Szucs K., and Kehl, D. (2014). How generations think: Research on generation Z. *Acta Universitatis Sapientiae, Communicatio*, 1(2014), 23-45.
313. Trenerry, B., Chng, S., Wang, Y., Suhaila, Z. S., Lim, S. S., Han Y. L., and Peng, H. O. (2021). Preparing workplaces for digital transformation: An Integrative review and framework of multi-level factors. *Frontiers in Psychology*, 12. <https://doi.org/10.3389/fpsyg.2021.620766>
314. Tsang, E. W. K. (1999). The knowledge transfer and learning aspects of international HRM: An empirical study of Singapore MNCs. *International Business Review*, 8(5-6), 591-609. [https://doi.org/10.1016/S0969-5931\(99\)00021-9](https://doi.org/10.1016/S0969-5931(99)00021-9).
315. Tušl, M., Brauchli, R., Kerksieck, P., and Bauer, G. F. (2021). Impact of the COVID-19 crisis on work and private life, mental well-being and self-rated health in German and Swiss employees: Across-sectional online survey. *BMC Public Health*, (21).
316. Ubeda, C. L., and Santos, F. A. (2007). Staff development and performance appraisal in a Brazilian research centre. *European Journal of Innovation Management*, 10(1), 109-125.
317. Ulrich, D. (1997). *Human resource champions: The next agenda for adding value and delivering results*. Boston: Harvard Business School Press.
318. Ulrich, D., and Brockbank, W. (2005). *The HR value proposition*. Boston: Harvard Business School Press.

319. Ulrich, D., and Lake, D. (1990). *Organizational capability*. New York: John Wiley.
320. Ulrich, M., Kryscynski, D., Ulrich, D., Brockbank, W., and Slade, J. (2015). *2016 HR competency model. RBL Group presentation* (Human Resource Competency Conference 2016). University of Michigan's Ross School of Business, slide 20. Retrieved March 28, 2022 from http://www.apg.pt/downloads/file954_pt.pdf
321. Uncapher, M. R., Thieu, M. K., and Wagner, A. D. (2016). Media multitasking and memory: Differences in working memory and long-term memory. *Psychonomic Bulletin and Review*, (23), 483-490.
322. Uniwersytet Mikołaja Kopernika w Toruniu. (2020). *Niewidoczni, niebędący, niezbedni. Administracja uczelni na rzecz doskonałości naukowej. Raport z badania. Komentarze eksperckie*. Retrieved from <https://www.wfins.umk.pl/panel/wp-content/uploads/Niewidoczni-niebedacy-niezbedni.Raport.pdf>
323. Upadhyay, K., and Dangarwala, U. R. (2018). Green HRM initiative: A case study of selected public sector enterprise of Baroda. *International Journal of Research in Commerce and Management*, 9(8).
324. Vance, R. I. (2006). *Employee engagement and commitment*. SHRM Foundation.
325. Vaara, J. P., Groeller, H., Drain, J., Kyröläinen, H., Pihlainen, K., Ojanen, T., ... Nindl, B. C. (2022). Physical training considerations for optimizing performance in essential military tasks. *European Journal of Sport Science*, 22(1), 43-57. doi: 10.1080/17461391.2021.1930193
326. Verma, A., and Venkatesan, M. (2022). HR factors for the successful implementation of Industry 4.0: A systematic literature review. *Journal of General Management*, 47(2), 73-85. <https://doi.org/10.1177/03063070211019141>
327. Wach, B. A., Wehner, M. C., and Kabst, R. (2021). Performance implications of the HR Business Partner model and the mediating role of internal efficiency: A comparison between Germany and the United Kingdom. *The International Journal of Human Resource Management*, 1-38. doi: 10.1080/09585192.2021.1943490
328. Wach-Kąkolewicz, A. (2008). Rozwój zawodowy – motywy podejmowania aktywności uczenia się. *E-mentor*, 4(26), 57-60.
329. Wachowiak, P. (2007). *Kształtowanie umiejętności przedsiębiorczych*. In P. Wachowiak, M. Dąbrowski, B. Majewski (Eds.), *Kształtowanie postaw przedsiębiorczych a edukacja ekonomiczna*. Warszawa: Publikacja Polsko-Amerykańskiej Fundacji Wolności.
330. Wachowiak, P. (2013). *Wrażliwość społeczna przedsiębiorstwa. Analiza i pomiar*. Warszawa: Oficyna Wydawnicza SGH w Warszawie.
331. Wang, Z., and Zhang, L. (2010). An empirical study on relations among person-organization fit, job satisfaction and turnover intention. *Chinese Journal Management*, 3, 379-385.
332. Warner, A. (2020). Zielony ład, czyli co dalej z motoryzacją? *Rzeczpospolita*. Retrieved May 12, 2022 from <https://moto.rp.pl/tu-i-teraz/art17293761-zielony-lad-czyli-co-dalej-z-motoryzacja>
333. Wijekoon, L., Swinkels, S., Lalik, E., Parekh, R., Isaacs, D., and Kozeychuk, U. (2022). Impact of the Ukraine conflict and related sanctions on global workforces. *The Society for Human Resource Management*. Retrieved May 12, 2022 from <https://www.shrm.org/resourcesandtools/legal-and-compliance/employment-law/pages/the-impact-of-the-ukraine-conflict-and-related-sanctions-on-global-workforces.aspx>
334. Wilkinson, A., and Wood, G. (2017). Global trends and crises, comparative capitalism and HRM. *The International Journal of Human Resource Management*, 28(18).
335. Williams, A. (2015, October 18). Move over, millennials, here comes generation Z. *New York Times*. Retrieved from http://www.nytimes.com/2015/09/20/fashion/moveovermillennialshere-comesgenerationz.html?_r=0
336. Wiśniewska, S., Wiśniewski, K., and Szydło, R. (2019). Ranking kompetencji przedstawicieli generacji NEET. *Edukacja Ekonomistów i Menedżerów*, 1(51), (I-III 2019), 181-192.

337. Wojtaszczyk, K. (2012). *Employer branding, czyli zarządzanie marką pracodawcy. Uwarunkowania, procesy, pomiar*. Łódź: Wydawnictwo Uniwersytetu Łódzkiego.
338. Wojtczuk-Turek, A. (2014). Składniki potencjału kompetencyjnego. In M. Juchnowicz (Ed.), *Zarządzanie kapitałem ludzkim: procesy – narzędzia – aplikacje*. Warszawa: PWE.
339. Wood, R., and Payne, T. (2006). *Metody rekrutacji i selekcji pracowników oparte na kompetencjach*. Kraków: Oficyna Ekonomiczna.
340. Wooden, M. (1999). *Job insecurity and job instability: Getting the facts straight*, mimeo. National Institute of Labour Studies. Flinders University.
341. Worach-Kardas, H. (2015). Aktywność społeczna pokolenia późnej dorosłości – potrzeby, wyzwania, zagrożenia. *Pedagogika Rodziny*, 5(3).
342. World Economic Forum. (2016). *The future of jobs: Employment, skills and workforce strategy for the fourth industrial revolution*. Retrieved October 12, 2019 from http://www3.weforum.org/docs/WEF_Future_of_Jobs.pdf
343. Wright, P. M., Gardner, T. M., Moynihan, L. M., and Allen, M. R. (2005). The relationship between HR practices and firm performance: Examining causal order. *Personnel Psychology*, 58, 409-446. <https://doi.org/10.1111/j.1744-6570.2005.00487.x>
344. Wyrozębski, P. (2014). *Zarządzanie wiedzą projektową*. Warszawa: Difin.
345. Wysokińska-Senkus, A., and Senkus, P. (2016). Geneza, istota i obszary strategiczne implementacji koncepcji sustainability na przykładzie sił lądowych USA – studium przypadku. *Zeszyty Naukowe Akademii Obrony Narodowej*, 2(103).
346. Yang, E., Kim, Y., and Hong, S. (2021). Does working from home work? Experience of working from home and the value of hybrid workplace post-COVID-1. *Journal of Corporate Real Estate*. doi: 10.1108/JCRE-04-2021-0015
347. Yang, L., Holtz, D., Jaffé, S., Suri, S., Sinha, S., Weston, J., ... and Teevan, J. (2022, January). The effects of remote work on collaboration among information workers. *Nature Human Behaviour*, 6, 43-54.
348. Yılmaz, D., and Kılıçoğlu, G. (2013). Resistance to change and ways of reducing resistance in educational organizations. *European Journal of Research on Education*, 1(1), 14-21.
349. Yin, K. R. (2003). *Case study research. Design and methods*. Thousand Oaks: Sage Publications.
350. Yusuf, B. N. (2020). Are we prepared enough? A Case study of challenges in online learning in a private higher learning institution during the covid-19 outbreaks. *Advances in Social Sciences Research Journal*, 7(5), 205-212. <https://doi.org/10.14738/assrj.75.8211>
351. Zack, M. H. (2002). Developing a knowledge strategy. *California Management Review*, 41(3), 125-223.
352. Zhang, J. (2016). The dark side of virtual office and job satisfaction. *International Journal of Business and Management*, 11(2), 40-46. <https://doi.org/10.5539/ijbm.v11n2p40>.
353. Zhang-Zhang, Y., Rohlfert, S., and Varma, A. (2022). Strategic people management in contemporary highly dynamic VUCA contexts: A knowledge worker perspective. *Journal of Business Research*, 144, 587-598. <https://doi.org/10.1016/j.jbusres.2021.12.069>
354. Zuo, L., and Juvé, A. M. (2020). Transitioning to a new era: Future directions for staff development during covid-19. *Medical Education*, 55, 104-107.

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