



RESEARCH ARTICLE

Impact of Organizational Health on Organizational Commitment

Mahmoud A Tallouzi*

Ph.D Program of Strategic Management, Arab American University (AAUP), Palestine

ARTICLE INFO

Received: Jan 3, 2025

Accepted: Feb 18, 2025

Keywords

Organizational Health

Organizational Commitment

Service Companies

Jordan

***Corresponding Author:**

Tallouzimahmoud@gmail.com

ABSTRACT

This study attempts to reveal the impact of organizational health on organizational commitment. A descriptive analytical approach was used to achieve the study objectives and answer the questions. The SPSS program was used to analyze the data and reach the results. The study community consists of all workers in service companies. A random sample of 250 workers was drawn. The questionnaire was distributed electronically to the study sample members. (192) were retrieved, all valid for statistical analysis purposes, representing (76.8%) of the total study sample. The results of the study show a substantial correlation among organizational health and organizational commitment in Jordan's service companies. The hypotheses discussed define that successful communication, participation of employees in decisional processes and the continuous process of staff competency development are of paramount importance in improving commitment levels. In order to increase organizational commitment, service companies in Jordan should operationalize wide communication plans that facilitate sharing of information, direction, and feedback. In addition, creating a participating culture in which workers are not seen as passive office features, but rather are made to feel valued in processes of decision-making can dramatically contribute to increase rates of attachment.

INTRODUCTION

Modern organizations seek to keep up with everything new and effective within the scope of their interests, with the aim of achieving effectiveness that contributes to creating a competitive advantage. In order to achieve this, these organizations must adhere to the globally approved conditions, by providing an appropriate work environment and following an organizational policy based on rationality and foresight and free of fundamental contradictions, which contributes to creating a healthy work environment that makes the impossible possible (AlHamad et al., 2022). An organization that has the ability to change and adapt to the fluctuations of the modern era with all flexibility will make itself an ideal economic pole. Organizational health is a state that the organization experiences, according to its duties and responsibilities, and makes it ready to remain appropriately present in different environments and situations, so it must be taken care of, which increases the level of organizational commitment among individuals (Rathmann et al., 2020). The current era is characterized by developments and increasing competitive atmosphere between organizations towards providing the best, there was interest in organizational structures and modern equipment and machines, but recently, attention has begun to be paid to other aspects, namely interest in individuals working in these organizations (Rieder & Skop, 2021).

The concept of organizational health has received the attention of researchers as one of the modern approaches in the science of organizational behavior, which provides a conceptual framework for the prevailing climate in the organization, as it is one of the main approaches to studying and analyzing the work environment, to respond to the internal and external environmental variables of the organization (Sinclair et al., 2020). Organizational commitment, on the other hand, is considered one of the important matters addressed by research and studies due to its importance in increasing efficiency and effectiveness (Herrera & De Las Heras-Rosas, 2021), and some describe it as a type of

psychological connection that the individual feels to the organization's union, and many studies have confirmed the importance of organizational commitment, which sees that the organizational commitment of employees increases the effectiveness of the organization, as it makes the individual strive with maximum energy in order to achieve the organization's goals, which is reflected in its effectiveness. This is because organizational commitment drives the individual to integrate into work and adopt the organization's values, which affects his motivation to work (Nahak & Ellitan, 2022).

Organizational commitment is also an important indicator of whether individuals will remain in their organizations and be in harmony with their culture or leave them and look for other organizations to work in. Based on the above, the importance of standing on the concept of organizational health and its dimensions appears, and whether there is a direct impact on organizational commitment, meaning that this study will attempt to reveal the impact of organizational health on organizational commitment.

LITERATURE REVIEW

Organizational health

Organizational health is a metaphor for management and behavior, grounded in the administrative value system and managerial and behavioral patterns of the administrative thinkers. It outlines the properties of human-centered organizations, like biological organisms that need nurturing (Rathmann et al., 2020). The work environment signals the health of the organization and its influence on organizational culture, by providing an encouraging and trusting organizational climate and by promoting an approach that engages employees to fulfill their role and complete their work while contributing in a meaningful way to the achievement of both organizational and personal goals. Since the goals of the organization depend on the management environment and access to opportunities, all staff work without rigid control that helps share feelings of responsibility, ownership, and attachment toward their work and the organization, which then improves their production and contributes to the realization of the organizational goals (AlHamad et al., 2022). A cohesive health climate is supportive of leadership, quality improvement, workforce development, and an ethical, tapa free health care climate in health facilities. Health authorities can be trusted to deliver information and data, adaptable to changing circumstances, create their support for new thinking, accept experience and failure as steps to success, and value the work of individuals (Brega et al., 2019). According to AlHamad (2022), there are (11) indicators of organizational health: communication, organizing participation, loyalty, and commitment, credibility or organization reputation, temperament, ethics, job identification or awareness, purpose, leadership, staff competence improvement or development, resources application

Organizational commitment

Organizational commitment is an important issue that has been much discussed for many years. Organizational commitment has been defined in different ways, and the following definitions are provided. The intention to achieve the purpose and the tenets of the organization, together with building commitment, represents a work's engagement in the organization's values and its purpose using his/her actions while working in the organization (Hajji, 2022). The characteristic is a maximum willingness to participate and maximum confidence in the mission of the organization, in the ambitions of the organization, and in the ability of the organization to realize that aims. The full commitment to membership in the organization in the context of this idea is commitment to all that is entailed both by responsibilities and commitments to the idea (Dodin, 2020). The value of these workers is evident in their consistent tenacity, relatively high productivity, and proactive assistance. Organizational commitment is the positive attitude that an employee develops towards his/her workplace, which arises from the alignment of his/her values and beliefs with those of his/her organization (Sadaf et al., 2021). The person shows a strong tendency to contribute to the achievement of organization objectives, and feels good "Affiliate" in some way with and "Loyal" to the organization.

Hypotheses development

Organizational health is a unique concept that offers a comprehensive perspective of an organization's health. In healthy organizations, workers show commitment, responsibility, and output, with accompanying high levels of morale and performance. Pordeli & Vazifeh (2017)

analyzed variables including institutional unity, consideration, construct, support of resources, and moral influence on organizational commitment of employees by hypothesizing. The research findings confirmed all hypotheses, indicating that organizational health and its dimensions impact organizational commitment. Results of Xiu et al. (2019) showed that employees' perceptions of organizational support for employee health positively related to both turnover intention and job performance and that affective commitment fully mediated the relationships between organizational support for employee health perceptions and both dependent variables. On the other hand, Farokhzadian et al. (2023) stated that healthy organizations have employees with high organizational commitment. The findings of Shams et al. (2023) indicated that all hypotheses were validated, with a principal hypothesis asserting that organizational health positively and significantly influences work satisfaction, mediated by organizational commitment. Banisi (2024) found that the model of organizational health, which incorporates organizational commitment and deviant behaviors mediated by job stress in anxious managers, demonstrated a favorable fit. The variables of organizational commitment and deviant behaviors significantly influenced work stress and organizational health, while job stress also had a direct and substantial effect on organizational health ($P < 0.001$). In addition, both organizational commitment and deviant behavior variables, through the mediation of job stress, significantly mediated their direct and indirect influence on organizational health ($P < 0.001$).

According to the above, the following hypotheses can be reached:

- H1: There is an impact of organizational health on organizational commitment at the level ($\alpha \leq 0.05$).
- H1.1: There is an impact of communication on organizational commitment at the level ($\alpha \leq 0.05$).
- H1.2: There is an impact of organizing participation on organizational commitment at the level ($\alpha \leq 0.05$).
- H1.3: There is an impact of staff competence improvement on organizational commitment at the level ($\alpha \leq 0.05$).

STUDY METHODOLOGY

A descriptive analytical approach was used to achieve the study objectives and answer the questions. The descriptive approach was based on studying the research topic, relying on an appropriate tool to collect data and information, with the aim of studying the relationship between the study dimensions and their variables. The analytical approach was used to process the data collected, analyze it, and test the hypotheses to reach the study results and provide appropriate recommendations for those results.

The descriptive approach was used to describe the main variables represented by organizational health and organizational commitment and their sub-dimensions and to determine the level of interest of employees in service companies. The analytical approach was used to reveal the impact of organizational health on organizational commitment in service companies. The SPSS program was used to analyze the data and reach the results.

Study population and sample

The study community consists of all workers in service companies. A random sample of 250 workers was drawn. The questionnaire was distributed electronically to the study sample members. (192) were retrieved, all valid for statistical analysis purposes, representing (76.8%) of the total study sample.

Data collection sources

The researcher used two types of sources to obtain the data needed to conduct the study, which are:

- **First: Secondary sources:** These are the scientific sources (literary and theoretical) that the researcher relied on to obtain the necessary data to prepare the theoretical aspect of the current study and to enhance its objectives by reviewing its most prominent results and preparing the study tool and to develop hypotheses specific to the study and enrich the

discussion process, and these sources were represented in books, university dissertations, scientific research, articles, refereed periodicals, and various bulletins that addressed the study topics.

- **Second: Primary sources:** These are the sources that the researcher relied on to obtain the primary data from the study community and necessary to prepare the practical aspect of the current study, and these sources were represented in the questionnaire that was prepared and developed by reviewing the literature and previous studies so that it covers all aspects addressed by the theoretical framework and the questions and hypotheses on which the study is based, and through it the researcher aims to identify the opinions and attitudes of the study sample members regarding the dimensions and variables of the study model.

Study tool

To achieve the study objectives and answer its questions, the researcher developed a questionnaire to collect primary data in light of the study variables directed at workers in service companies, by making use of scientific studies related to the study topics, dimensions, and variables, and taking into account the opinions of experts and specialists, then distributing it to the study sample members.

Study tool reliability test

The study tool stability test aims to verify the degree of coherence and consistency between the paragraphs of the study tool and its ability to measure the desired variables, by finding the Cronbach Alpha coefficient, as the study tool is characterized by stability if the Cronbach Alpha coefficient reaches (0.70) or more, and the closer the coefficient value is to (100%), the higher the stability of the study tool (Sekaran & Bougie, 2016), and Table (1) shows the values of the study tool stability coefficients as follows:

Table 1: Cronbach's alpha coefficient for the study areas

Domain	Alpha Value
Communication	0.784
Organizing participation	0.850
Staff competence	0.762
Organizational health	0.934
Organizational commitment	0.852
Total	0.935

Table No. (1) shows that the values of the Cronbach's alpha internal consistency coefficient for the paragraphs of the study dimensions and fields were acceptable, as they ranged between (0.784 - 0.935), and all of these values are good and provide sufficient internal consistency for the responses of the study sample members to the paragraphs of each field of the study, which confirms the stability and internal consistency of the variables within the scale. The alpha value for the paragraphs of the tool as a whole reached (0.935), and therefore all values are greater than the conventional measure of stability of (0.70), and this confirms the consistency between the paragraphs of the study fields and the reliability and possibility of relying on it to conduct the statistical analysis of the study.

Testing study hypotheses

This part of the study presents the results of the hypothesis testing, which were reached through the application of inferential statistical methods for hypothesis testing. These hypotheses aim to identify the Impact of Organizational Health on Organizational Commitment. The following are the results of the study's hypothesis testing:

Main hypothesis test results

This hypothesis states that: "There is statistically significant effect at the significance level ($\alpha \leq 0.05$) of organizational health on organizational commitment".

To test this hypothesis, multiple regression analysis was used. The results appeared as follows:

Table 2: Results of regression analysis for the main hypothesis H01

DV	Model Summary				ANOVA		
	R	R ²	Adjusted R ²	Standard error	Degree of freedom	F	Sig F
organizational commitment	0.816	0.667	0.661	0.350	3	125.280	0.000

*The effect is statistically significant at a significance level of ($\alpha \leq 0.05$)

Table No. (2) shows that there is a strong positive correlation between organizational health on organizational commitment, as the value of the correlation coefficient reached (0.816), and the value of determination reached (0.667), which indicates that (organizational health) explained (66.7%) of the change in organizational commitment, while the value of the adjusted determination coefficient reached (0.661), and the difference between it and the determination coefficient reached (0.005), which is a very small value, and this indicates the ability of the model variables to predict the values of the dependent variable

The table also shows the significance of the model, as the calculated F value reached (125.280) and at a significance level (Sig F = 0.000) it is less than 0.05, which indicates the existence of a statistically significant effect of organizational health on the organizational commitment at a significance level ($\alpha \leq 0.05$), and at 3 degrees of freedom.

Table 3: Results of regression coefficients for the main hypothesis H01

IV	B	Standard error	Beta	T	Sig T
communication	0.277	0.062	0.269	4.480	0.000
organizing participation	0.325	0.053	0.397	6.087	0.000
staff competence	0.246	0.053	0.264	4.648	0.000

Table (3) shows the values of the regression coefficients for the sub-dimensions of the variable (organizational health). It is clear from the table that the value of B at the communication dimension reached (0.277), which indicates that an increase in communication by one unit leads to organizational commitment of (27.7%) units, and the calculated T value at this dimension reached (4.480) with a significance level of (0.000) and is less than 0.05, which indicates the presence of a positive moral effect at a significance level of ($\alpha \leq 0.05$) for communication on organizational commitment.

The table shows that the value of B at the organizing participation dimension reached (0.325), which indicates that an increase in organizing participation by one unit leads to organizational commitment of (32.5%) units, and the calculated value of T at this dimension reached (6.087) at a significance level of (0.000), which is less than 0.05, indicating that there is a positive moral effect at a significance level of ($\alpha \leq 0.05$) for organizing participation on organizational commitment.

The table shows that the value of B at the staff competence dimension reached (0.246), which indicates that an increase in staff competence by one unit leads to organizational commitment of (24.6%) units, and the calculated value of T at this dimension reached (4.648) and at a significance level of (0.000), which is less than 0.05, indicating that there is a positive moral effect at a significance level of ($\alpha \leq 0.05$) for staff competence on organizational commitment.

To test the sub-hypotheses branching off from the main hypothesis, it is as follows:

H01.1: There is a statistically significant effect at the significance level ($\alpha \leq 0.05$) of communication on organizational commitment.

H01.2: There is a statistically significant effect at the significance level ($\alpha \leq 0.05$) of staff competence improvement on organizational commitment.

H01.3: There is a statistically significant effect at the significance level ($\alpha \leq 0.05$) of staff competence improvement on organizational commitment.

To test these hypotheses, simple linear regression analysis was used, and the results showed the following:

Table 4: Results of regression analysis for hypotheses H01.1, H1.2 and H1.3

IV	R	R ²	Adjusted R ²	ANOVA		Coefficients			
				F	Sig. F*	B	Beta	T	Sig. T*
communication	0.696	0.485	0.482	178.803	0.000	0.717	0.696	13.372	0.000
organizing participation	0.757	0.573	0.751	255.362	0.000	0.620	0.757	15.980	0.000
staff competence	0.676	0.456	0.454	159.517	0.000	0.631	0.696	12.630	0.000

*The effect is statistically significant at a significance level of ($\alpha \leq 0.05$)

Table No. (4) shows that there is a strong positive correlation between communication and organizational commitment, as the value of the correlation coefficient reached (0.696), and the value of the coefficient of determination reached ($R^2=0.485$), which indicates that communication explained (48.5%) of the change in organizational commitment. As for the value of the adjusted coefficient of determination, it reached ($Adj.R^2=0.482$) and the difference between it and the coefficient of determination reached (0.003), which is a very small value, and this indicates the ability of the model variables to predict the values of the dependent variable. The table also shows the significance of the model, as the calculated F value reached (178.803) with a significance level of (0.000), which is less than 0.05, and this indicates the existence of a statistically significant effect of communication on organizational commitment at a significance level of ($\alpha \leq 0.05$).

As shown in Table No. (4), there is a strong positive correlation between organizing participation and organizational commitment, as the value of the correlation coefficient reached (0.757), and the value of the coefficient of determination reached ($R^2=0.573$), which indicates that organizing participation explained (57.3%) of the change in organizational commitment. As for the value of the adjusted coefficient of determination, it reached ($Adj.R^2=0.571$) and the difference between it and the coefficient of determination reached (0.002), which is a very small value, and this indicates the ability of the model variables to predict the values of the dependent variable. The table also shows the significance of the model, as the calculated F value reached (255.362) with a significance level of (0.000), which is less than 0.05, and this indicates the existence of a statistically significant effect of organizing participation in organizational commitment at a significance level of ($\alpha \leq 0.05$).

In addition, Table No. (4) shows a strong positive correlation between staff competence and organizational commitment, where the value of the correlation coefficient reached (0.696), and the value of the coefficient of determination reached ($R^2=0.456$), which indicates that staff competence explained (45.6%) of the change on organizational commitment. As for the value of the adjusted coefficient of determination, it reached ($Adj.R^2=0.454$) and the difference between it and the coefficient of determination reached (0.002), which is a very small value, and this indicates the ability of the model variables to predict the values of the dependent variable. The table also shows the significance of the model, where the calculated F value reached (159.517) at a significance level of (0.000), which is less than 0.05, and this indicates the existence of a statistically significant effect of staff competence on organizational commitment at a significance level of ($\alpha \leq 0.05$).

DISCUSSION

The hypotheses tested the interconnectedness and role of organizational health, several different constructs of organizational health, the relationship of units of organizational health with various constructs of organizational health and organizational commitment in service organizations in Jordan. The results posit that the overall health of an organization significantly influences employees' commitment to that organization. A good organization generally shows as having effective leadership, transparent communication, engaged employees, and a positive culture. Effective communication is critical in fostering commitment. If employees perceive themselves to be informed and engaged through open communication it is commonly the case that they will develop a deeper emotional and psychological identification with the organization. Activating employees in the decision-making process can improve their feeling of ownership and responsibility towards

organizational objectives. This participatory approach can lead to higher levels of commitment as employees feel valued and recognized. Continuous professional development and training programs enhance the skills and competence of employees, which in turn can contribute to higher job satisfaction and commitment. When organizations make a commitment to developing their employees, they are demonstrating concern for their development, an action that increases loyalty and attachment. Pordeli Vazifeh (2017) explores the relationship between organizational health and commitment, emphasizing the role of supportive management practices. Their results may be consistent with H1, supporting the idea that a positive organizational climate increases commitment. Xiu et al. (2019) give an example of the evidence on how communication strategies shape employees' engagement. Their findings might be interpreted as evidence for H1.1, namely that, through clearer, more uniform communication, organizational commitment increases. Farokhzadian et al. (2023) the emphasis is laid on the role of participative management in increasing employee commitment. Their findings may give credence to H1.2, suggesting that when employees are brought into the decision process, their commitment levels increase. Shams et al. (2023) results may support H1.3, suggesting that expenditure on staff development resulting in increased organizational attachment. Banisi (2024) discover a significant correlation and, accordingly, this would be consistent with the supposition that multiple organizational health dimensions (such as communication, the ability to participate and the competence to improve) each contribute to an overall improvement in commitment. The hypotheses suggest a multifaceted relationship between organizational health and commitment in service companies in Jordan. Supporting papers respectively present a more general background of this topic implying that effective communication, active involvement, and development of the professionals are important factors for the development of a high level of employee commitment. Such insights can then be used to develop focused strategies in Jordan's organizations to improve health and, in turn, employee commitment.

CONCLUSION

The results of the study show a substantial correlation among organizational health and organizational commitment in Jordan's service companies. The hypotheses discussed define that successful communication, participation of employees in decisional processes and the continuous process of staff competency development are of paramount importance in improving commitment levels. This confirms the concept that a positive organization climate not only promotes employee happiness, but also incites loyalty and commitment to subsequently enhance the work environment as a whole. Knowledge of the relationship between organizational wellbeing and commitment plays an important role for service organizations in Jordan, since it has direct consequence on employee retention, productivity and organizational quality. To foster a more engaged workforce by focusing on those factors as (open) communication, participatory practices, and professional development, organizations are able to establish. Not only this, the job satisfaction of the individuals also increases, and also positively they are forming the organizational culture which attracts the best talent and thus sustainability of the business in the competitive market.

In order to increase organizational commitment, service companies in Jordan should operationalize wide communication plans that facilitate sharing of information, direction, and feedback. In addition, creating a participating culture in which workers are not seen as passive office features, but rather are made to feel valued in processes of decision-making can dramatically contribute to increase rates of attachment. Investing in ongoing training and development programs is also crucial, as it demonstrates a commitment to employee growth and competence improvement. Achieving all of these recommendations enables organizations to build an effective framework that encourages a positive work environment which, in turn, will lead to greater organizational commitment and better performance.

REFERENCES

- AlHamad, A., Alshurideh, M., Alomari, K., Kurdi, B., Alzoubi, H., Hamouche, S., & Al-Hawary, S. (2022). The effect of electronic human resources management on organizational health of telecommuni-cations companies in Jordan. *International Journal of Data and Network Science*, 6(2), 429-438.

- Banisi, P. (2024). The Modeling of Organizational Health based on the Organizational Commitment and Deviant Behaviors with the Mediation of Job Stress in Anxious Managers.
- Brega, A. G., Hamer, M. K., Albright, K., Brach, C., Saliba, D., Abbey, D., & Gritz, R. M. (2019). Organizational health literacy: quality improvement measures with expert consensus. *HLRP: Health Literacy Research and Practice*, 3(2), e127-e146.
- Dodin, A. (2020). Management of Change and Organizational Development. Amman: Al-Yazuri Scientific House.
- Rasmi, Muhammad, and others. (2016). Delegation of authority in educational administrations and its impact on the Impactiveness of performance, *Journal of the Faculty of Education, Benha University*. Volume (27), (Issue) 106.
- Farokhzadian, J., Sadeghi, Z., & Khodabandeh Shahraki, S. (2023). Relationship of Psychological Empowerment With Organizational Health and Organizational Commitment of Nurses. *Journal of Modern Medical Information Sciences*, 9(2), 156-167.
- Hajji, K. (2022). Enhancing organizational commitment among employees in health institutions through the introduction of change management: a case study of a public institution for neighborhood health in the state of Bechar. *Journal North Africa economics*. Volume (18), No. (29), (511-526).
- Herrera, J., & De Las Heras-Rosas, C. (2021). The organizational commitment in the company and its relationship with the psychological contract. *Frontiers in Psychology*, 11, 609211.
- Nahak, M., & Ellitan, L. (2022). Organizational commitment and organizational sustainability. *International Journal of Trend in Scientific Research and Development*, 6(4), 604-609.
- Pordeli, F., & Vazifeh, Z. (2017). Examination of the impact of promotion of organizational health on organizational commitment among employees of zabol university of medical sciences. *QUID: Investigación, Ciencia y Tecnología*, (1), 2444-2455.
- Rathmann, K., Vockert, T., Wetzel, L. D., Lutz, J., & Dadaczynski, K. (2020). Organizational health literacy in facilities for people with disabilities: first results of an explorative qualitative and quantitative study. *International journal of environmental research and public health*, 17(8), 2886.
- Rieder, B., & Skop, Y. (2021). The fabrics of machine moderation: Studying the technical, normative, and organizational structure of Perspective API. *Big Data & Society*, 8(2), 20539517211046181.
- Sadaf, M., Mukhtar, U., Nemati, A. R., Yousaf, R., & Javed, W. (2022). Impact of organizational value system, perceived organizational support, and job satisfaction on organizational commitment. *Journal of Entrepreneurship, Management, and Innovation*, 4(1), 71-99.
- Shams, A., Jannesar Ahmadi, H., & Rajabi, M. (2023). Investigating the impact of organizational health on job satisfaction with the mediating role of organizational commitment in the National Petroleum Products Distribution Company of Mashhad. *Psychological researches in management*, 9(1), 119-138.
- Sinclair, R. R., Allen, T., Barber, L., Bergman, M., Britt, T., Butler, A., ... & Yuan, Z. (2020). Occupational health science in the time of COVID-19: Now more than ever. *Occupational health science*, 4, 1-22.
- Xiu, L., Dauner, K.N. and McIntosh, C.R. (2019), "The impact of organizational support for employees' health on organizational commitment, intent to remain and job performance", *Evidence-based HRM*, Vol. 7 No. 3, pp. 281-299. <https://doi.org/10.1108/EBHRM-10-2018-0062>
- Ahmad, A. Y. B., Ali, M., Namdev, A., Meenakshisundaram, K. S., Gupta, A., & Pramanik, S. (2025). A Combinatorial Deep Learning and Deep Prophet Memory Neural Network Method for Predicting Seasonal Product Consumption in Retail Supply Chains. In *Essential Information Systems Service Management* (pp. 311-340). IGI Global.
- Ahmad, A. Y. B., Gupta, P., Thimmiraja, J., Goswami, B., Arun, M., Manoharan, G., & Younis, D. (2024). A Comparison of the Effects of Robotics and Artificial Intelligence on Business Management and Economics. In *Recent Advances in Management and Engineering* (pp. 132-137). CRC Press.
- Ahmad, A. Y. A. B., Alzubi, J., James, S., Nyangaresi, V. O., Kutralakani, C., & Krishnan, A. (2024). Enhancing Human Action Recognition with Adaptive Hybrid Deep Attentive Networks and Archerfish Optimization. *Computers, Materials & Continua*, 80(3).
- Ahmad, A. Y. (2024). A novel 3D robotics printer for enhancing auditing and accounting in banking. *International Journal of Information Technology*, 1-6.

- Ahmad, A. Y. B. (2024, May). CS Challenge in Creating AI-Integrated System. In 2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE) (pp. 1515-1520). IEEE.
- Ahmad, A. Y. B. (2024, May). BC Technology AAA System Implementation. In 2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE) (pp. 1545-1550). IEEE.
- Ahmad, A. Y. B. (2024). E-invoicing and Cost Reduction: A Case Study of Multinational Corporations. *Journal of Information Systems Engineering and Management*, 9(2), 25009.
- Ahmad, A. Y. A. B. (2024, April). The Changing Role of Accountants in the AI Era: Evolving Skill Sets and Career Pathways. In 2024 International Conference on Knowledge Engineering and Communication Systems (ICKECS) (Vol. 1, pp. 1-5). IEEE.
- Ahmad, A. Y. B., Kumari, D. K., Shukla, A., Deepak, A., Chandnani, M., Pundir, S., & Shrivastava, A. (2024). Framework for Cloud Based Document Management System with Institutional Schema of Database. *International Journal of Intelligent Systems and Applications in Engineering*, 12(3s), 672-678.
- Ahmad, A. Y. B., Hannon, A., Al-Daoud, K. I., Abu-Alsondos, I. A., & Al-Qaisieh, M. S. (2023). Assessment of Cloud Based Accounting Technology Adoption and Business Performance. *Kurdish Studies*, 11(3).
- Ahmad, A. Y. B., Kumari, D. K., Shukla, A., Deepak, A., Chandnani, M., Pundir, S., & Shrivastava, A. (2024). Framework for Cloud Based Document Management System with Institutional Schema of Database. *International Journal of Intelligent Systems and Applications in Engineering*, 12(3s), 672-678.
- Ahmad, A. Y. B., Tiwari, A., Nayeem, M. A., Biswal, B. K., Satapathy, D. P., Kulshreshtha, K., & Bordoloi, D. (2024). Artificial Intelligence Perspective Framework of the Smart Finance and Accounting Management Model. *International Journal of Intelligent Systems and Applications in Engineering*, 12(4s), 586-594.
- Ahmad, A., Abusaimh, H., Rababah, A., Alqsass, M., Al-Olima, N., & Hamdan, M. (2024). Assessment of effects in advances of accounting technologies on quality financial reports in Jordanian public sector. *Uncertain Supply Chain Management*, 12(1), 133-142.
- Ahmad, A. (2024). Ethical implications of artificial intelligence in accounting: A framework for responsible ai adoption in multinational corporations in Jordan. *International Journal of Data and Network Science*, 8(1), 401-414.
- Ahmad Y. A. Bani Ahmad, "Firm Determinants that Influences Implementation of Accounting Technologies in Business Organizations," *WSEAS Transactions on Business and Economics*, vol. 21, pp. 1-11, 2024
- Ahmad, A. Y. B., William, P., Uike, D., Murgai, A., Bajaj, K. K., Deepak, A., & Shrivastava, A. (2024). Framework for Sustainable Energy Management using Smart Grid Panels Integrated with Machine Learning and IOT based Approach. *International Journal of Intelligent Systems and Applications in Engineering*, 12(2s), 581-590.
- Ahmad, A. B., Atta, A. A. B., Asma'a Al-Amarneh, M. S., & Dahbour, S. A. (2023). Fund Family Selectivity Skills and Market Timing Ability: Comparison Study
- Ahmad, A. Y. Bani ahmad , (2019). Empirical Analysis on Accounting Information System Usage in Banking Sector in Jordan. *Academy of Accounting and Financial Studies Journal*, 23(5), 1-9.
- Ahmad, A. Y. B., Gongada, T. N., Shrivastava, G., Gabbi, R. S., Islam, S., & Nagaraju, K. (2023). E-Commerce Trend Analysis and Management for Industry 5.0 using User Data Analysis. *International Journal of Intelligent Systems and Applications in Engineering*, 11(11s), 135-150.
- Alhawamdeh, H., Al-Saad, S. A., Almasarweh, M. S., Al-Hamad, A. A.-S. A., Bani Ahmad, A. Y. A. B., & Ayasrah, F. T. M. (2023). The Role of Energy Management Practices in Sustainable Tourism Development: A Case Study of Jerash, Jordan. *International Journal of Energy Economics and Policy*, 13(6), 321-333. <https://doi.org/10.32479/ijeeep.14724>
- Allahham, M., & Ahmad, A. (2024). AI-induced anxiety in the assessment of factors influencing the adoption of mobile payment services in supply chain firms: A mental accounting perspective. *International Journal of Data and Network Science*, 8(1), 505-514.
- Y. A. B. Ahmad, S. S. Kumari, M. S, S. K. Guha, A. Gehlot and B. Pant, "Blockchain Implementation in Financial Sector and Cyber Security System," 2023 International Conference on Artificial

- Intelligence and Smart Communication (AISC), Greater Noida, India, 2023, pp. 586-590, <https://doi.org/10.1109/AISC56616.2023.10085045>
- Ahmad, A. Y. B., Atta, A. A. B., Shehadeh, M. A. H. A., Baniata, H. M. A., & Hani, L. Y. B. (2023). Fund family performance: Evidence from emerging countries. *WSEAS Trans. Bus. Econ*, 20, 951-964.
- Alhawamdeh, H. M., & Alsmairat, M. A. (2019). Strategic decision making and organization performance: A literature review. *International review of management and marketing*, 9(4), 95.
- Alhawamdeh, H., Al-Saad, S. A., Almasarweh, M. S., Al-Hamad, A. A. S., Ahmad, A. Y., & Ayasrah, F. T. M. (2023). The role of energy management practices in sustainable tourism development: a case study of Jerash, Jordan. *International Journal of Energy Economics and Policy*, 13(6), 321-333.
- Alkhalwaldeh, B., Alhawamdeh, H., Al-Afeef, M., Al-Smadi, A., Almarshad, M., Fraihat, B., ... & Alaa, A. (2023). The effect of financial technology on financial performance in Jordanian SMEs: The role of financial satisfaction. *Uncertain Supply Chain Management*, 11(3), 1019-1030.
- Ali, O., Al-Duleemi, K., Al-Afeef, D. J., & Al-hawamdah, D. H. (2019). The Impact of the Decisions of the COBIT 5 Committee on the Effectiveness of the Internal Control Systems in the Jordanian Industrial Joint Stock Companies. *The Journal of Social Sciences Research*, 5(11), 1587-1599.
- Ali, O. A. M., Matarneh, A. J., Almalkawi, A., & Mohamed, H. (2020). The impact of cyber governance in reducing the risk of cloud accounting in Jordanian commercial banks-from the perspective of Jordanian auditing firms. *Modern Applied Science*, 14(3), 75-89.
- Al-Hawamdeh, H. M. (2020). The Intermediate Role of Organizational Flexibility in the Impact of Using Information Technology on the Efficiency of the Application of IT Governance in Jordanian Industrial Companies. *Modern Applied Science*, 14(7).
- Al-Afeef, M., Fraihat, B., Alhawamdeh, H., Hijazi, H., Al-Afeef, M., Nawasr, M., & Rabi, A. (2023). Factors affecting middle eastern countries' intention to use financial technology. *International Journal of Data and Network Science*, 7(3), 1179-1192.
- Alkhalwaldeh, B. Y. S., Alhawamdeh, H., Almarshad, M., Fraihat, B. A. M., Abu-Alhija, S. M. M., Alhawamdeh, A. M., & Ismaeel, B. (2023). The effect of macroeconomic policy uncertainty on environmental quality in Jordan: Evidence from the novel dynamic simulations approach. *Jordan Journal of Economic Sciences*, 10(2), 116-131. among Faculty Members in Public and Private Universities in Jordan
- Badawi, M., Alofan, F., Allahham, M., Sabra, S., Abubaker, N. M., & Ahmad, A. Y. B. (2024). The Impact of Supply Chain Agility on Operationalizing Sustainable Procurement the Mediating Role of System and Process Integration in the Pharmaceutical Sector in Saudi Arabia. *EVOLUTIONARY STUDIES IN IMAGINATIVE CULTURE*, 1632-1650.
- Fraihat, B. A. M., Alhawamdeh, H., Younis, B., Alkhalwaldeh, A. M. A., & Al Shaban, A. (2023). The Effect of Organizational Structure on Employee Creativity: The Moderating Role of Communication Flow: A Survey Study
- Selvasundaram, K., Jayaraman, S., Chinthamani, S. A. M., Nethravathi, K., Ahmad, A. Y. B., & Ravichand, M. (2024). Evaluating the Use of Blockchain in Property Management for Security and Transparency. In *Recent Technological Advances in Engineering and Management* (pp. 193-197). CRC Press.
- Ramadan, A., Maali, B., Morshed, A., Baker, A. A. R., Dahbour, S., & Ahmad, A. B. (2024). Optimizing working capital management strategies for enhanced profitability in the UK furniture industry: Evidence and implications. *Journal of Infrastructure, Policy and Development*, 8(9), 6302.
- Fouzdar, A. S., Yamini, S., Biswas, R., Jindal, G., Ahmad, A. Y. B., & Dawar, R. (2024). Considering the Use of Blockchain for Supply Chain Authentication Management in a Secure and Transparent Way. In *Recent Technological Advances in Engineering and Management* (pp. 259-264). CRC Press.
- Feng, Y., Ahmad, S. F., Chen, W., Al-Razgan, M., Awwad, E. M., Ayassrah, A. Y. B. A., & Chi, F. (2024). Design, analysis, and environmental assessment of an innovative municipal solid waste-based multigeneration system integrating LNG cold utilization and seawater desalination. *Desalination*, 117848.
- Zhang, L., Ahmad, S. F., Cui, Z., Al Razgan, M., Awwad, E. M., Ayassrah, A. Y. B. A., & Shi, K. (2024). Energy, exergy, hermoeconomic analysis of a novel multi-generation system based on

- geothermal, kalina, double effect absorption chiller, and LNG regasification. *Desalination*, 117830.
- Iqbal, S., Tian, H., Muneer, S., Tripathi, A., & Ahmad, A. Y. B. (2024). Mineral resource rents, fintech technological innovation, digital transformation, and environmental quality in BRI countries: An insight using panel NL-ARDL. *Resources Policy*, 93, 105074.
- Geetha, B. T., Gnanaprasuna, E., Ahmad, A. Y. B., Rai, S. K., Rana, P., & Kapila, N. (2024, March). Novel Metrics Introduced to Quantify the Level of Circularity in Business Models Enabled by Open Innovation. In *2024 International Conference on Trends in Quantum Computing and Emerging Business Technologies* (pp. 1-6). IEEE.
- Geetha, B. T., Kafila, K., Ram, S. T., Narkhede, A. P., Ahmad, A. Y. B., & Tiwari, M. (2024, March). Creating Resilient Digital Asset Management Frameworks in Financial Operations Using Blockchain Technology. In *2024 International Conference on Trends in Quantum Computing and Emerging Business Technologies* (pp. 1-7). IEEE.
- Naved, M., Kole, I. B., Bhope, A., Gautam, C. S., Ahmad, A. Y. B., & Lourens, M. (2024, March). Managing Financial Operations in the Blockchain Revolution to Enhance Precision and Safety. In *2024 International Conference on Trends in Quantum Computing and Emerging Business Technologies* (pp. 1-6). IEEE.
- A. Y. A. B. Ahmad, N. Verma, N. M. Sarhan, E. M. Awwad, A. Arora and V. O. Nyangaresi, "An IoT and Blockchain-Based Secure and Transparent Supply Chain Management Framework in Smart Cities Using Optimal Queue Model," in *IEEE Access*, vol. 12, pp. 51752-51771, 2024, doi:10.1109/ACCESS.2024.3376605
- B. Bani Ahmad, A. Y., Fraihat, B. A. M., Hamdan, M. N., Ayasrah, F. T. M., Alhawamdeh, M. M., & Al-Shakri, K. S. (2024). Examining the mediating role of organizational trust in the relationship between organizational learning and innovation performance: A study of information systems and computer science service firms.
- Almarshad, M. N., Alwaely, S. A., Alkhawaldeh, B. Y., Al Qaryouti, M. Q. H., & Bani Ahmad, A. Y. (2024). The Mediating Role of Energy Efficiency Measures in Enhancing Organizational Performance: Evidence from the Manufacturing Sector in Jordan.
- AlKhawaldeh, B. Y. S., Al-Smadi, A. W., Ahmad, A. Y., El-Dalahmeh, S. M., Alsuwais, N., & Almarshad, M. N. (2024). Macroeconomic determinants of renewable energy production in Jordan. *International Journal of Energy Economics and Policy*, 14(3), 473-481.
- Ahmad, A. Y., Jain, V., Verma, C., Chauhan, A., Singh, A., Gupta, A., & Pramanik, S. (2024). CSR Objectives and Public Institute Management in the Republic of Slovenia. In *Ethical Quandaries in Business Practices: Exploring Morality and Social Responsibility* (pp. 183-202). IGI Global
- Abusaimeh, H. (2020). Distributed denial of service attacks in cloud computing. *International Journal of Advanced Computer Science and Applications*, 11(6).
- Abusaimeh, H., Shkoukani, M., & Alshrouf, F. (2014). Balancing the network clusters for the lifetime enhancement in dense wireless sensor networks. *Arabian Journal for Science and Engineering*, 39, 3771-3779.
- Abusaimeh, H., & Alshareef, Y. (2021). Detecting the phishing website with the highest accuracy. *TEM Journal*, 10(2), 947.
- Abusaimeh, H. (2020). Virtual machine escape in cloud computing services. *International Journal of Advanced Computer Science and Applications*, 11(7).
- Mahafzah, A. H., & Abusaimeh, H. (2018). Optimizing power-based indoor tracking system for wireless sensor networks using ZigBee. *International Journal of Advanced Computer Science and Applications*, 9(12).
- Abusaimeh, H. (2022). Computation Offloading for Mobile Cloud Computing Frameworks and Techniques. *TEM Journal*, 11(3), 1042-1046.
- Abusaimeh, H. (2020). Enhance the security and prevent vampire attack on wireless sensor networks using energy and broadcasts threshold values. *International Journal of Advanced Computer Science and Applications*, 11(3).
- Abusaimeh, H., Sharabati, A., & Asha, S. (2023). Using cloud computing services to enhance competitive advantage of commercial organizations. *International Journal of Data and Network Science*, 7(3), 1349-1360.

- Bani Atta, A. A., Ali Mustafa, J., Al-Qudah, S. S., Massad, E., & Ahmad, A. B. (2023). The effect of macroprudential regulation on banks' profitability during financial crises [Specialissue]. *Corporate Governance and Organizational Behavior Review*, 7(2), 245-258.
- Cheng, Congbin, Sayed Fayaz Ahmad, Muhammad Irshad, Ghadeer Alsanie, Yasser Khan, Ahmad Y. A. Bani Ahmad (Ayassrah), and Abdu Rahman Aleemi. 2023. "Impact of Green Process Innovation and Productivity on Sustainability: The Moderating Role of Environmental Awareness" *Sustainability* 15, no. 17: 12945. <https://doi.org/10.3390/su151712945>
- Atta, A., Baniata, H., Othman, O., Ali, B., Abughash, S., Aljundi, N., & Ahmad, A. (2024). The impact of computer assisted auditing techniques in the audit process: an assessment of performance and effort expectancy. *International Journal of Data and Network Science*, 8(2), 977-988.
- ALLAHHAM, M., SHARABATI, A. A. A., HATAMLAH, H., AHMAD, A. Y. B., SABRA, S., & DAOUD, M. K. Big Data Analytics and AI for Green Supply Chain Integration and Sustainability in Hospitals. Magboul, I., Jebreel, M., Dweiri, M., Qabajeh, M., Al-Shorafa, A., & Ahmad, A. (2024). Antecedents and outcomes of green information technology Adoption: Insights from an oil industry. *International Journal of Data and Network Science*, 8(2), 921-934.
- Daoud, M. K., Al-Qeed, M., Ahmad, A. Y. B., & Al-Gasawneh, J. A. (2023). Mobile Marketing: Exploring the Efficacy of User-Centric Strategies for Enhanced Consumer Engagement and Conversion Rates. *International Journal of Membrane Science and Technology*, 10(2), 1252-1262.
- Daoud, M., Taha, S., Al-Qeed, M., Alsafadi, Y., Ahmad, A., & Allahham, M. (2024). EcoConnect: Guiding environmental awareness via digital marketing approaches. *International Journal of Data and Network Science*, 8(1), 235-242.
- Fraihat, B. A. M., Ahmad, A. Y. B., Alaa, A. A., Alhawamdeh, A. M., Soumadi, M. M., Aln'emi, E. A. S., & Alkhalwaldeh, B. Y. S. (2023). Evaluating Technology Improvement in Sustainable Development Goals by Analysing Financial Development and Energy Consumption in Jordan. *International Journal of Energy Economics and Policy*, 13(4), 348
- Almestarihi, R., Ahmad, A., Frangieh, R., Abu-ALSondos, I., Nser, K., & Ziani, A. (2024). Measuring the ROI of paid advertising campaigns in digital marketing and its effect on business profitability. *Uncertain Supply Chain Management*, 12(2), 1275-1284.
- Al-Dweiri, M., Ramadan, B., Rawshdeh, A., Nassoura, A., Al-Hamad, A., & Ahmad, A. (2024). The mediating role of lean operations on the relationship between supply chain integration and operational performance. *Uncertain Supply Chain Management*, 12(2), 1163-1174.
- Lin, C., Ahmad, S. F., Ayassrah, A. Y. B. A., Irshad, M., Telba, A. A., Awwad, E. M., & Majid, M. I. (2023). Green production and green technology for sustainability: The mediating role of waste reduction and energy use. *Heliyon*, e22496.
- M. K. Daoud, D. . Alqudah, M. . Al-Qeed, B. A. . Al Qaied, and A. Y. A. B. . Ahmad, "The Relationship Between Mobile Marketing and Customer Perceptions in Jordanian Commercial Banks: The Electronic Quality as A Mediator Variable", *ijmst*, vol. 10, no. 2, pp. 1360-1371, Jun. 2023
- Mohammad Jebreel, Mohammad Alnaimat, Amjad Al-Shorafa, Majed Qabajeh, Mohammad Alqsass, & Ahmad Bani Ahmad. (2023). The Impact of Activity Ratios on Change in Earnings (Case Study: Based on Jordanian Food Companies). *Kurdish Studies*, 11(2), 4551-4560. Retrieved from <https://kurdishstudies.net/menu-script/index.php/KS/article/view/1044>
- Mohammad Alqsass, Munir Al-Hakim, Qais Al Kilani, Lina Warrad, Majed Qabajeh, Ahmad Y. A. Bani Ahmad, & Adnan qubbaja. (2023). The Impact of Operating Cash Flow on Earnings Per Share (Case Study Based on Jordanian Banks). *Kurdish Studies*, 11(2), 2718-2729. Retrieved from <https://kurdishstudies.net/menu-script/index.php/KS/article/view/831>
- Mohammad Alqsass, Munir Al-Haki, Mohammad Dweiri, Majed Qabajeh, Dmaithan almajali, Ahmad Bani Ahmad, & Adnan Qubbaja. (2023). The Impact of Current Ratio on Net Profit Margin (Case Study: Based on Jordanian Banks). *Kurdish Studies*, 11(2), 2894-2903. Retrieved from <https://kurdishstudies.net/menu-script/index.php/KS/article/view/834>
- Mustafa, J. A., ATTA, A. A. B., AHMAD, A. Y. B., SHEHADEH, M., & Agustina, R. (2023). Spillover Effect in Islamic and Conventional Fund Family: Evidence from Emerging Countries. *WSEAS Transactions on Business and Economics*, 20, 1042-1058.
- Mohsin, H. J., Hani, L. Y. B., Atta, A. A. B., Al-Alawneh, N. A. K., Ahmad, A. B., & Samara, H. H. (2023). THE IMPACT OF DIGITAL FINANCIAL TECHNOLOGIES ON THE DEVELOPMENT OF ENTREPRENEURSHIP: EVIDENCE FROM COMMERCIAL BANKS IN THE EMERGING MARKETS.

- Ni, L., Ahmad, S. F., Alshammari, T. O., Liang, H., Alsanie, G., Irshad, M., ... & Ayassrah, A. Y. B. A. (2023). The role of environmental regulation and green human capital towards sustainable development: The mediating role of green innovation and industry upgradation. *Journal of Cleaner Production*, 138497.
- Peng, Yixuan, Sayed Fayaz Ahmad, Ahmad Y. A. Bani Ahmad, Mustafa S. Al Shaikh, Mohammad Khalaf Daoud, and Fuad Mohammed Hussein Alhamdi. 2023. "Riding the Waves of Artificial Intelligence in Advancing Accounting and Its Implications for Sustainable Development Goals" *Sustainability* 15, no. 19: 14165. <https://doi.org/10.3390/su151914165>
- Peiran Liang, Yulu Guo, Sohaib Tahir Chaudhary, Manoj Kumar Agrawal, Sayed Fayaz Ahmad, Ahmad ,Yahiya Ahmad Bani Ahmad, Ahmad A. Ifseisi, Tiancheng Ji,2024"Sustainable development and multi-aspect analysis of a novel polygeneration system using biogas upgrading and LNG ,regasification processes, producing power, heating, fresh water and liquid CO2"Process Safety ,and Environmental Protection
- Peiran Liang, Yulu Guo, Tirumala Uday Kumar Nutakki, Manoj Kumar Agrawal, Taseer Muhammad, ,Sayed Fayaz Ahmad, Ahmad Yahiya Ahmad Bani Ahmad, Muxing Qin 2024. "Comprehensive assessment and sustainability improvement of a natural gas power plant utilizing an environmentally friendly combined cooling heating and power-desalination arrangement"Journal , ,of Cleaner Production,Volume 436,,140387
- R. A. Y. A. Bani Ahmad, Y. M. A. Tarshany, F. T. M. Ayasrah, F. S. Mohamad, S. I. A. Saany and B. Pandey, "The Role of Cybersecurity in E-Commerce to Achieve the Maqasid of Money," 2023 International Conference on Computer Science and Emerging Technologies (CSET), Bangalore, India, 2023, pp. 1-8, doi: 10.1109/CSET58993.2023.10346972.
- Rumman, G., Alkhazali, A., Barnat, S., Alzoubi, S., AlZagheer, H., Dalbough, M., ... & Darawsheh, S. (2024). The contemporary management accounting practices adoption in the public industry: Evidence from Jordan. *International Journal of Data and Network Science*, 8(2), 1237-1246.
- Singh, R., Gupta, N. R., & Ahmad, A. Y. (2024). An Empirical Study on Challenges of Working From Home During COVID-19 on Work-Life Domains in the Education Sector in Bengaluru. In S. Singh, S. Rajest, S. Hadoussa, A. Obaid, & R. Regin (Eds.), *Data-Driven Intelligent Business Sustainability* (pp. 111-121). IGI Global. <https://doi.org/10.4018/979-8-3693-0049-7.ch008>
- William, P., Ahmad, A. Y. B., Deepak, A., Gupta, R., Bajaj, K. K., & Deshmukh, R. (2024). Sustainable Implementation of Artificial Intelligence Based Decision Support System for Irrigation Projects in the Development of Rural Settlements. *International Journal of Intelligent Systems and Applications in Engineering*, 12(3s), 48-56.
- Wang, C., Ahmad, S. F., Ayassrah, A. Y. B. A., Awwad, E. M., Irshad, M., Ali, Y. A., ... & Han, H. (2023). An empirical evaluation of technology acceptance model for Artificial Intelligence in E-commerce. *Heliyon*, 9(8).
- Yahiya Ahmad Bani Ahmad (Ayassrah), Ahmad; Ahmad Mahmoud Bani Atta, Anas; Ali Alawawdeh, Hanan; Abdallah Aljundi, Nawaf; Morshed, Amer; and Amin Dahbour, Saleh (2023) "The Effect of System Quality and User Quality of Information Technology on Internal Audit Effectiveness in Jordan, And the Moderating Effect of Management Support," *Applied Mathematics & Information Sciences: Vol. 17: Iss. 5, Article 12.* DOI: <https://dx.doi.org/10.18576/amis/170512>
- Zhan, Y., Ahmad, S. F., Irshad, M., Al-Razgan, M., Awwad, E. M., Ali, Y. A., & Ayassrah, A. Y. B. A. (2024). Investigating the role of Cybersecurity's perceived threats in the adoption of health information systems. *Heliyon*, 10(1).
- SALIH, A. A., & NASEREDDIN, A. Y. The Role of Strategic Awareness in Developing the Practice of Strategic Foresight in Business Organizations-Epistemological Perspective.
- Nasereddin, A. (2023). Exploring the effect of corporate environmental management responsibility on firm performance. *Uncertain Supply Chain Management*, 11(2), 625-636.
- Salih, A., Mousa, Z., & Nasereddin, A. (2023). The impact of career capital on sustainable competitive advantage: The mediating role of human resource management capabilities. *Uncertain Supply Chain Management*, 11(2), 489-502.
- Raza, A., Al Nasar, M. R., Hanandeh, E. S., Zitar, R. A., Nasereddin, A. Y., & Abualigah, L. (2023). A Novel Methodology for Human Kinematics Motion Detection Based on Smartphones Sensor Data Using Artificial Intelligence. *Technologies*, 11(2), 55.
- Nasereddin, A. Y. (2023). Impact of the Blue Ocean Strategy Dimensions in Achieving Competitive Advantage from the Perspective of Faculty Members.

- Nasereddin, A. Y. (2023). A Business Analytics Approach to Strategic Management using Uncovering Corporate Challenges through Topic Modeling.
- Wu, J., Ahmad, S. F., Ali, Y. A., Al-Razgan, M., Awwad, E. M., & Ayassrah, A. Y. B. A. (2024). Investigating the role of green behavior and perceived benefits in shaping green car buying behavior with environmental awareness as a moderator. *Heliyon*, 10(9).
- Yacoub Nasereddin, Ahmad (2023) "The Impact of Lean Thinking on Strategic Planning in Industrial Companies in Jordan from the Upper and Middle Management: A Perspective Study," *Information Sciences Letters: Vol. 12 : Iss. 6*, PP –
- Yahiya, A., & Ahmad, B. (2024). Automated debt recovery systems: Harnessing AI for enhanced performance. *Journal of Infrastructure, Policy and Development*, 8(7), 4893.
- Al-Waely, D., Fraihat, B. A. M., Al Hawamdeh, H., Al-Taee, H., & Al-Kadhimi, A. M. M. N. (2021). Competitive Intelligence Dimensions as a Tool for Reducing the Business Environment Gaps: An Empirical Study on the Travel Agencies in Jordan. *Journal of Hunan University Natural Sciences*, 48(11).
- Zhao, T., Ahmad, S. F., Agrawal, M. K., Ahmad, A. Y. A. B., Ghfar, A. A., Valsalan, P., ... & Gao, X. (2024). Design and thermo-enviro-economic analyses of a novel thermal design process for a CCHP-desalination application using LNG regasification integrated with a gas turbine power plant. *Energy*, 295, 131003.